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- B**
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* July, pp. 1-264; August, pp. 265-556; September, pp. 557-840; October, pp. 841-1126; November, pp. 1127-1404; December, pp. 1405-1718.

- , Widerhorn J, Sager PT, Leon C, Hong R, Kotlewski A, Hackett J, Rahimtoola SH. Prognostic significance of programmed ventricular stimulation in patients surviving complicated acute myocardial infarction: a prospective study. 1992;124:87-96
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- Chen S-A, Tsang W-P, Hsia CP, Wang D-C, Chiang C-E, Yeh H-I, Chen J-W, Ting C-T, Kong C-W, Wang S-P, Chiang BN, Chang M-S. Catheter ablation of accessory atrioventricular pathways in 114 symptomatic patients with Wolff-Parkinson-White syndrome—a comparative study of direct-current and radiofrequency ablation. 1992;124:356-65
- , Yang C-J, Chiang C-E, Hsia C-P, Tsang W-P, Wang D-C, Ting C-T, Wang S-P, Chiang BN, Chang M-S. Reversibility of left ventricular dysfunction after successful catheter ablation of supraventricular reentrant tachycardia. 1992;124:1512-6
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- Davies MK (see Townend et al). 1992;124:1643-4 (Brief comm.)
- Davies SW, Bailey J, Keegan J, Balcon R, Rudd RM, Lipkin DP. Reduced pulmonary microvascular permeability in severe chronic left heart failure. 1992;124:137-42
- Davila DF, Donis JH, Torres A. Chagas' heart disease and neuropathy. 1992;124:1665-6 (Letter)
- Davis KB (see Reid et al). 1992;124:657-65
- Dawkins KD (see Lee et al). 1992;124:508-10 (Brief comm.)
- Dawkins PR (see Stoddard et al). 1992;124:671-4
- (see Stoddard et al). 1992;124:675-8
- (see Stoddard et al). 1992;124:785-7 (Brief comm.)
- (see Stoddard et al). 1992;124:1587-98 (Curriculum cardiol.)
- Daza NS (see Coma-Canella et al). 1992;124:1196-1204
- de Alava E (see Cabanero et al). 1992;124:532-4 (Brief comm.)
- de Andoain JMG (see de Soria et al). 1992;124:1090-3 (Brief comm.)
- de Belder MA, Tourikis L, Griffith M, Leech G, Camm AJ. Transesophageal contrast echocardiography and color flow mapping: Methods of choice for the detection of shunts at the atrial level? 1992;124:1545-50
- de Buruaga JS (see Cabanero et al). 1992;124:532-4 (Brief comm.)
- De Ferrari GM, Vanoli E, Curcuruto P, Tommasini G, Schwartz PJ. Prevention of life-threatening arrhythmias by pharmacologic stimulation of the muscarinic receptors with oxotremorine. 1992;124:883-90
- de Geest H (see Stammen et al). 1992;124:1127-32
- de Groot P (see Millaire et al). 1992;124:1030-4
- Deguchi H (see Obayashi et al). 1992;124:1263-9
- Dehmer GJ (see Popma et al). 1992;124:65-74
- Delano B (see Goldberg et al). 1992;124:424-7
- Delcán JL (see García-Fernández et al). 1992;124:955-61
- Delcán JL (see García-Fernández et al). 1992;124:1650-2 (Brief comm.)
- del Romeral LM, Dae MW, Ports TA, Botvinick EH. Diagnostic and prognostic value of ambulatory electrocardiographic monitoring. 1992;124:1213-9
- de Luna AB (see Guindo et al). 1992;124:510-3 (Brief comm.)
- (see Marti et al). 1992;124:234-5 (Brief comm.)
- (see Marti et al). 1992;124:1671-2 (Letter)
- DeMaria AN (see Rovai et al). 1992;124:398-404
- den Boer A (see Di Mario et al). 1992;124:1181-9
- Denes P. The importance of derived 12-lead electrocardiography in the interpretation of arrhythmias detected by Holter recording. 1992;124:905-11
- Deng Y-B (see Wang et al). 1992;124:961-5

- Dent JM (see Pollock et al). 1992;124:793-4 (Brief comm.)
 Denys BG (see Rubin and Denys). 1992;124:1635-7 (Brief comm.)
 De Place C (see Mabo et al). 1992;124:1637-9 (Brief comm.)
 DeRan BP (see Moore et al). 1992;124:514-6 (Brief comm.)
 DeSciascio G (see Topaz et al). 1992;124:810-5 (Editorial)
 de Soria RF, de Andoain JMG, Lopez JR, Vera A, Cobos MA, Fernandez G, Alvarez JM, Alonso F. Left atrial free-floating thrombus with multiple systemic emboli in orthotopic heart transplantation. 1992;124:1090-3 (Brief comm.)
 De Vincentis L (see Musto et al). 1992;124:110-5
 Dienstl A (see Lechleitner et al). 1992;124:1433-9
 Dienstl F (see Lechleitner et al). 1992;124:1433-9
 Di Lenarda A (see Morgera et al). 1992;124:455-67 (Curriculum cardi.)
 Di Mario C, Haase J, den Boer A, Reiber JHC, Serruys PW. Edge detection versus densitometry in the quantitative assessment of stenosis phantoms: an in vivo comparison in porcine coronary arteries. 1992;124:1181-9
 DiSciascio G (see Om et al). 1992;124:1321-6 (Curriculum cardi.)
 — (see Warner et al). 1992;124:1169-74
 Distante A (see Rovai et al). 1992;124:398-404
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 Donato A (see Oretto et al). 1992;124:1506-11
 Donis JH (see Davila et al). 1992;124:1665-6 (Letter)
 D'Onofrio A (see Musto et al). 1992;124:110-5
 Donohue T, Kern MJ, Wolford T, Bach R, Aguirre F, Miller L. The effects of epicardial coronary spasm on intracoronary flow velocity and pressure gradient in a patient after cardiac transplantation. 1992;124:1645-8 (Brief comm.)
 Donzeau-Gouge P (see Cabanes et al). 1992;124:1659-61 (Brief comm.)
 Dorros G (see Herrmann et al). 1992;124:160-6
 Dorsaz P-A (see Pande et al). 1992;124:337-41
 Douek P (see Keren et al). 1992;124:198-206 (Prog. cardi.)
 Downey JM (see Bunch et al). 1992;124:1440-6
 Dreas L (see Morgera et al). 1992;124:455-67 (Curriculum cardi.)
 Duboc D (see Annane et al). 1992;124:1377-80 (Brief comm.)
 Dubois-Randé J-L, Merlet P, Roudot F, Benvenuti C, Adnot S, Hittinger L, Duval A-M, Syrota A, Castaigne A, Loisanse D, Geschwind HJ. β -Adrenergic contractile reserve as a predictor of clinical outcome in patients with idiopathic dilated cardiomyopathy. 1992;124:679-85
 Ducoux G (see Millaire et al). 1992;124:1030-4
 Dufosse H (see Shen et al). 1992;124:1524-33
 Dunn B (see Fawzy et al). 1992;124:167-71
 — (see Ribeiro et al). 1992;124:1558-62
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- E**
- Eagle KA (see Coles et al). 1992;124:257-60 (Editorial)
 Echevarria T (see Garcia-Fernández et al). 1992;124:1650-2 (Brief comm.)
 Echigo S (see Tsuda et al). 1992;124:1551-7
 Eckberg DL (see Ellenbogen et al). 1992;124:891-7
 Edwards CRW (see Flapan et al). 1992;124:1270-6
 Eguchi S (see Tanabe et al). 1992;124:526-9 (Brief comm.)
 Eicher M (see Lax et al). 1992;124:1533-40
 Eisenberg MJ. Magnesium deficiency and sudden death. 1992;124:544-9 (Editorial)
 — (see Barbant et al). 1992;124:541-3 (Editorial)
 Ellahham S (see Om et al). 1992;124:1639-41 (Brief comm.)
 — (see Om et al). 1992;124:1321-6 (Curriculum cardi.)
 — (see Om et al). 1992;124:1598-1602 (Curriculum cardi.)
 Ellenbogen KA, Smith ML, Beightol LA, Eckberg DL. Influence of lidocaine on human muscle sympathetic nerve activity during programmed electrical stimulation and ventricular tachycardia. 1992;124:891-7
 — (see Om et al). 1992;124:232-4 (Brief comm.)
 Ensrud K, Grimm RH Jr. The white blood cell count and risk for coronary heart disease. 1992;124:207-13 (Prog. cardi.)
 Epeldegui A (see Lanzoni et al). 1992;124:1083-5 (Brief comm.)
 Erdmann E (see Schwinger et al). 1992;124:320-30
 Ermer W (see Hildebrandt et al). 1992;124:1139-44
 Escaned J, Ahmad RAS, Rosin MD, Shiu MF. Unsuspected third coronary artery in a candidate for coronary bypass surgery. 1992;124:501-3 (Brief Comm.)
- F**
- Fabian JA (see Burns et al). 1992;124:796-9 (Brief comm.)
 Fan D (see Ge et al). 1992;124:176-82
 Fang C-J (see Tsai et al). 1992;124:1106-9 (Brief comm.)
 Farb A (see Prewitt et al). 1992;124:1394-7 (Brief comm.)
 Farrell TG (see Bashir et al). 1992;124:1233-40
 Favre J (see Pande et al). 1992;124:337-41
 Fawzy ME, Dunn B, Galal O, Wilson N, Shaikh A, Sriram R, Duran CMG. Balloon coarctation angioplasty in adolescents and adults: early and intermediate results. 1992;124:167-71
 — (see Ribeiro et al). 1992;124:1558-62
 Fazekas T, Ungi I, Tiszlavicz L. Primary malignant mesothelioma of the pericardium. 1992;124:227-31 (Brief comm.)
 Fears R, Hearn J, Standing R, Anderson JL, Marder VJ. Lack of influence of pretreatment antistreptokinase antibody on efficacy in a multicenter patency comparison of intravenous streptokinase and anistreplase in acute myocardial infarction. 1992;124:305-14
 Fedele F, Vizza CD, Benedetti G, Dagianti A, Penco M, Agati L, Vitarelli A, Cervellini P, Scavo D, Dagianti A. Endogenous opioid system modulation in anginal pain: demonstration of its central activity. 1992;124:589-95
 Feld H, Shani J, Rudansky HW, Rudyak E, Greengart A. Initial presentation of cor triatriatum in a 55-year-old woman. 1992;124:788-91 (Brief comm.)
 — (see Challappa et al). 1992;124:775-7 (Brief comm.)
 Feldman RC (see Herrmann et al). 1992;124:160-6
 Feldman TE (see Herrmann et al). 1992;124:160-6
 Fencil LE (see Marcovitz et al). 1992;124:1205-12
 Fenster P (see Ott and Fenster). 1992;124:1113-8 (Editorial)
 Ferencick GS, Adelman S. Myocardial infarction associated with anabolic steroid use in a previously healthy 37-year-old weight lifter. 1992;124:507-8 (Brief Comm.)
 Fernandez G (see de Soria et al). 1992;124:1090-3 (Brief comm.)
 Field TS (see Coles et al). 1992;124:257-60 (Editorial)
 Figulla HR, Kellermann AB, Stille-Siegener M, Heim A, Kreuzer H. Significance of coronary angiography, left heart catheterization and endomyocardial biopsy for the diagnosis of idiopathic dilated cardiomyopathy. 1992;124:1251-7
 Finci L (see Maiello et al). 1992;124:581-4
 Finkelhor RS (see Lamont et al). 1992;124:1102-4 (Brief comm.)
 Fioretti PM (see Salustri et al). 1992;124:75-83
 Fisher ML (see Gottlieb et al). 1992;124:131-6
 Fitzgerald PJ (see Kimura et al). 1992;124:1365-69
 Flachskampf FA (see Thomas et al). 1992;124:1305-13
 Flapan AD, Shaw TRD, Edwards CRW, Davies E, Williams BC. Contrasting patterns of arterial and venous dilatation after intravenous captopril in patients with chronic cardiac failure and their relationship to plasma angiotensin II concentrations. 1992;124:1270-6
 Flecaidine Supraventricular Tachycardia Study Group (see Bhandari et al). 1992;124:381-6
 Flores JN (see Spellberg et al). 1992;124:1662-3 (Letter reply)
 Flugelman MY (see Lewis et al). 1992;124:1009-16
 Flynn M (see Stratmann et al). 1992;124:1374-7 (Brief comm.)
 Foley JB, Chisholm RJ, Common AA, Langer A, Armstrong P. Aggressive clinical pattern of angina at restenosis following coronary angioplasty in unstable angina. 1992;124:1174-80
 Fontcuberta J (see Guindo et al). 1992;124:510-3 (Brief comm.)
 Forbes TJ (see Latson et al). 1992;124:1624-6 (Brief comm.)
 Forman MB, Ingram DA, Murray JJ. Role of perfluorochemical emulsions in the treatment of myocardial reperfusion injury. 1992;124:1347-57 (Prog. cardi.)
 Fouchard J (see Annane et al). 1992;124:1377-80 (Brief comm.)
 — (see Cabanes et al). 1992;124:1659-61 (Brief comm.)
 Fraifeld M (see Jacobs et al). 1992;124:536-40 (Brief comm.)
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 Fripp RR (see Berman et al). 1992;124:248-51 (Brief comm.)
 Frishman WH, Nadelmann J, Ooi WL, Greenberg S, Heiman M, Kahn S, Guzik H, Lazar EJ, Aronson M. Cardiomegaly on chest x-ray: prognostic implications from a ten-year cohort study of elderly subjects: a report from the Bronx Longitudinal Aging Study. 1992;124:1026-30
 Froelicher VF (see Myers et al). 1992;124:710-9
 Fruergaard P (see Launbjerg et al). 1992;124:846-53
 Fu M, Hung J-S, Yeh S-J, Chang C-H. Reversal of silent myocardial ischemia by surgery for isolated anomalous origin of the left anterior descending coronary artery from the pulmonary artery. 1992;124:1369-71 (Brief comm.)

- Fujimura O (see Sublett and Fujimura). 1992;124:777-9 (Brief comm.)
- Fujishima M (see Takata et al). 1992;124:1574-80
- Fujita M (see Hirai et al). 1992;124:19-24
- Fuji AM (see Pinto et al). 1992;124:565-70
- Fukiyama K (see Matsumoto et al). 1992;124:1098-1100 (Brief comm.)
- Fullerton DA (see St. Cyr and Fullerton). 1992;124:1381-2 (Brief comm.)
- Funakoshi T (see Nakamura et al). 1992;124:1283-8
- Furie RA (see Kaplan et al). 1992;124:1331-8 (Curriculum cardi-ol.)
- Furukawa T (see Kato et al). 1992;124:505-7 (Brief Comm.)
- G**
- Gaita F (see Vincenti et al). 1992;124:374-80
- Gaither NS (see Prewitt et al). 1992;124:1394-7 (Brief comm.)
- Galal O (see Fawzy et al). 1992;124:167-71
- Galambos GS (see Siu et al). 1992;124:265-72
- Gallagher PJ (see Lee et al). 1992;124:508-10 (Brief comm.)
- Gallet J (see Chandraratna et al). 1992;124:1358-64 (Prog. cardi-ol.)
- Gallik DM, Bucay M, Mahmarian JJ, Verani MS. Thallium-201 tomography in the management of exercise-induced coronary spasm. 1992;124:1078-81 (Brief comm.)
- Gammon RS (see Muhlestein et al). 1992;124:1058-67 (Prog. cardi-ol.)
- Garcia E (see Cabanes et al). 1992;124:1659-61 (Brief comm.)
- Garcia-Fernández MA, Roman DS, Torrecilla E, Echevarria T, Ribeiros R, Bueno H, Delcan JL. Transesophageal echocardiographic detection of atrial wall aneurysm as a result of abnormal attachment of mitral prosthesis. 1992;124:1650-2 (Brief comm.)
- , Torrecilla EG, Román DS, Azevedo J, Bueno H, Moreno MM, Delcan JL. Left atrial appendage Doppler flow patterns: implications on thrombus formation. 1992;124:955-61
- Gardner AJ (see Marcus et al). 1992;124:1393-4 (Brief comm.)
- Garson A Jr (see Perry and Garson). 1992;124:1614-21 (Prog. cardi-ol.)
- (see Villain et al). 1992;124:194-7 (Curriculum cardi-ol.)
- Ge Z, Zhang Y, Kang W, Fan D, An F. Noninvasive evaluation of interventricular pressure gradient across ventricular septal defect: a simultaneous study of Doppler echocardiography and cardiac catheterization. 1992;124:176-82
- Geibel A (see Kasper et al). 1992;124:1562-6
- Genser N (see Lechleitner et al). 1992;124:1433-9
- Germanidis J (see Lekakis et al). 1992;124:1630-1 (Brief comm.)
- Gerson MC, Smith H, Carr P. Abnormal nondefect zone myocardial thallium washout ratio in patients with reversible thallium defects and normal coronary arteriograms. 1992;124:331-6
- Gerstenblith G (see Gloth et al). 1992;124:651-6
- Geschwind HJ (see Dubois-Randé et al). 1992;124:679-85
- (see Nakamura et al). 1992;124:1467-72
- Ghelardini G (see Rovai et al). 1992;124:398-404
- Gheorghiade M (see Chakko and Gheorghiade). 1992;124:260-4 (Editorial)
- Ghods M (see Iskandrian et al). 1992;124:1581-6 (Curriculum cardi-ol.)
- Giangola G (see Tunick et al). 1992;124:239-41 (Brief comm.)
- Giani P (see Vincenti et al). 1992;124:374-80
- Gianrossi R (see Maiello et al). 1992;124:581-4
- Gigou F (see Laperche et al). 1992;124:222-3 (Brief comm.)
- Gilbert EM (see Bhandari et al). 1992;124:381-6
- Gillette PC (see Buckles et al). 1992;124:1241-4
- Gillis RA (see Uszenaki et al). 1992;124:1276-83
- Giommi L (see Chirillo et al). 1992;124:223-5 (Brief comm.)
- Glance BW (see Morales et al). 1992;124:1104-6 (Brief comm.)
- Glazier JJ (see Stammen et al). 1992;124:1127-32
- Gleim GW (see Morales et al). 1992;124:1104-6 (Brief comm.)
- Gloth ST, Gerstenblith G, Brinker JA. Contractile, metabolic and arrhythmogenic effects of ionic and nonionic contrast agents in the isolated rat heart. 1992;124:651-6
- Godbold JH (see Lilienfeld and Godbold). 1992;124:1068-72 (Prog. cardi-ol.)
- Goldberg N, Lundin AP, Delano B, Friedman EA, Stein RA. Changes in left ventricular size, wall thickness, and function in anemic patients treated with recombinant human erythropoi-etin. 1992;124:424-7
- Goldberg SJ (see Lax et al). 1992;124:1533-40

- Goldberger AL (see Breall et al). 1992;124:523-6 (Brief comm.)
- Goldman D (see Patel et al). 1992;124:823-9 (Editorial)
- Goldstein JE (see Santana et al). 1992;124:13-8
- Gomez JA (see Cabanero et al). 1992;124:532-4 (Brief comm.)
- Gomez P (see Peteiro and Gomez). 1992;124:1668-9 (Letter)
- Gonschior P (see Höffing et al). 1992;124:341-8
- Goormastic M (see Hollman et al). 1992;124:9-12
- Gorcsan J III, Blanc MS, Reddy PS, Marrone GC. Hemodynamic diagnosis of mitral valve obstruction by left atrial myxoma with transesophageal continuous wave Doppler. 1992;124:1109-12 (Brief comm.)
- Goswami KC (see Bahl et al). 1992;124:1516-23
- Gottlieb SS, Robinson S, Weir MR, Fisher ML, Krichen CM. Determinants of the renal response to ACE inhibition in patients with congestive heart failure. 1992;124:131-6
- Goudreau E (see Warner et al). 1992;124:1169-74
- Grabner H (see Limas et al). 1992;124:1258-63
- Graboyes TB (see Tschaidse et al). 1992;124:912-6
- Graettinger WF (see Neutel et al). 1992;124:435-40
- Granato JE (see Beller et al). 1992;124:56-64
- Granberg J (see Hildebrandt et al). 1992;124:1139-44
- Grant SCD, Bray CL. Diastolic murmur audible without a stetho-scope and associated with aortic dissection in Marfan's syn-drome. 1992;124:1386-8 (Brief comm.)
- Grattan M (see Shen et al). 1992;124:1081-2 (Brief comm.)
- Grayburn PA (see Boehrner et al). 1992;124:448-55 (Curriculum cardi-ol.)
- Greenberg S (see Frishman et al). 1992;124:1026-30
- Greengart A (see Feld et al). 1992;124:788-91 (Brief comm.)
- Greenwalt T (see Buckingham et al). 1992;124:1220-6
- Gress DR (see Singer et al). 1992;124:1567-73
- Griffith M (see de Belder et al). 1992;124:1545-50
- Griffith MJ (see Bashir et al). 1992;124:1233-40
- Grimm RH Jr (see Ensrud and Grimm). 1992;124:207-13 (Prog. cardi-ol.)
- Guererro JL (see Thomas et al). 1992;124:1305-13
- Guerin F (see Annane et al). 1992;124:1377-80 (Brief comm.)
- (see Cabanes et al). 1992;124:1659-61 (Brief comm.)
- Guindo J, Montagud M, Carreras F, Dominguez JM, Bartolucci J, Martinez-Ruiz MD, Sadurni J, Viñolas X, Fontcuberta J, de Luna AB. Fibrinolytic therapy for superior vena cava and right atrial thrombosis: diagnosis and follow-up with biplane transe-sophageal echocardiography. 1992;124:510-3 (Brief comm.)
- (see Marti et al). 1992;124:234-5 (Brief comm.)
- (see Marti et al). 1992;124:1671-2 (Letter)
- Gunnes P (see Lau et al). 1992;124:1473-7
- Guse PA, Walcott GP, Rollins DL, Smith WM, Ideker RE. Defibrillation electrode configurations developed from cardiac mapping that combine biphasic shocks with sequential timing. 1992;124:1491-1500
- Guzik H (see Frishman et al). 1992;124:1026-30
- Guzzetti S, Iosa D, Prosdoci M, Malliani A. Chagas' heart dis-ease and neuropathy. 1992;124:1666 (Letter reply)
- H**
- Haase J (see Di Mario et al). 1992;124:1181-9
- Habib GB, Zoghbi WA. Doppler assessment of right ventricular filling dynamics in systemic hypertension: comparison with left ventricular filling. 1992;124:1313-20
- Hackett J (see Bhandari et al). 1992;124:87-96
- Haft JI (see Santana et al). 1992;124:13-8
- Hagar JM, Newman LG, Kloner RA. Effects of amlodipine on myocardial infarction, infarct expansion, and ventricular geom-etry in the rat. 1992;124:571-80
- Hall B (see Shen et al). 1992;124:1081-2 (Brief comm.)
- Halon DA (see Lewis et al). 1992;124:1009-16
- Hamada M (see Yamakado et al). 1992;124:595-602
- Hamasaki N (see Nobuyoshi et al). 1992;124:32-8
- Hanna ES (see Chen et al). 1992;124:1648-50 (Brief comm.)
- (see Lee et al). 1992;124:1653-4 (Brief comm.)
- Hargrave VK (see Sudhir et al). 1992;124:870-5
- Haring C (see Lechleitner et al). 1992;124:1433-9
- Harmen E (see Czarnecki et al). 1992;124:1446-59
- Harpole DH Jr, Jones RH. Left ventricular function under stress before and after myocardial revascularization. 1992;124:273-9
- Hartwig CA (see Peters et al). 1992;124:116-22
- Hashimoto Y (see Kato et al). 1992;124:505-7 (Brief Comm.)
- Hassager C (see Hildebrandt et al). 1992;124:1139-44
- Hattori K (see Obayashi et al). 1992;124:1263-9

- Hauck AJ (see Bansal et al). 1992;124:497-500 (Brief comm.)
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 — (see Sunaga et al). 1992;124:1657-9 (Brief comm.)
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 Heiman M (see Frishman et al). 1992;124:1026-30
 Helfeld H (see Iskandrian et al). 1992;124:1581-6 (Curriculum cardi.)
 Henthorn R W (see Bhandari et al). 1992;124:381-6
 Heo J, Iskandrian B, Cave V, Iskandrian AS. Single-photon emission computed tomographic teboroxime imaging with a preprocessing masking technique. 1992;124:1603-8 (Prog. cardi.)
 — (see Cave et al). 1992;124:610-3
 — (see Iskandrian et al). 1992;124:1581-6 (Curriculum cardi.)
 — (see Lemlek et al). 1992;124:1327-31 (Curriculum cardi.)
 Hermans W (see Salustri et al). 1992;124:75-83
 Hermler JB (see Jackman et al). 1992;124:214-6 (Brief comm.)
 Herrmann HC, Ramaswamy K, Isner JM, Feldman TE, Carroll JD, Pichard AD, Bashore TM, Dorros G, Massumi GA, Sundram P, Tobis JM, Feldman RC, Ramee S. Factors influencing immediate results, complications, and short-term follow-up status after Inoue balloon mitral valvotomy: a North American multicenter study. 1992;124:160-6
 — (see Vaitkus et al). 1992;124:1-8
 Heublein B (see von der Leyen et al). 1992;124:686-93
 Hildebrandt P, Torp-Pedersen C, Joen T, Iversen E, Jensen G, Jeppesen D, Melchior T, Schyten H-J, Ringsdal V, Jensen J, Steensgaard-Hansen F, Granborg J, Hassager C, Weiss M, Ermer W. Reduced infarct size in nonperfused myocardial infarction by combined infusion of isosorbide dinitrate and streptokinase. 1992;124:1139-44
 Hillis LD (see Boehrner et al). 1992;124:448-55 (Curriculum cardi.)
 Hilton T (see Shaw et al). 1992;124:861-9
 Hirai T, Fujita M, Yamanishi K, Ohno A, Miwa K, Sasayama S. Significance of preinfarction angina for preservation of left ventricular function in acute myocardial infarction. 1992;124:19-24
 Hiramori K (see Nakamura et al). 1992;124:1283-8
 Hirano I (see Stamler et al). 1992;124:1093-5 (Brief comm.)
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 Hittinger L (see Dubois-Randé et al). 1992;124:679-85
 Ho ES-C (see Chao et al). 1992;124:1095-8 (Brief comm.)
 Höfling B, Gonschior P, Simpson L, Bauriedel G, Nerlich A. Efficacy of directional coronary atherectomy in cases unsuitable for percutaneous transluminal coronary angioplasty (PTCA) and after unsuccessful PTCA. 1992;124:341-8
 Hollman J, Simpfordorfer C, Franco I, Whitlow P, Goormastic M. Multivessel and single-vessel coronary angioplasty: a comparative study. 1992;124:9-12
 Homs E (see Marti et al). 1992;124:234-5 (Brief comm.)
 — (see Marti et al). 1992;124:1671-2 (Letter)
 Hong R (see Bhandari et al). 1992;124:87-96
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 Hoshino T (see Sakata et al). 1992;124:854-60
 Hosoda S (see Sakai et al). 1992;124:975-82
 Høst NB, Saunamäki KI. Coronary heart disease in young age associated with essential thrombocythemia. 1992;124:219-21 (Brief comm.)
 How S-W (see Wang et al). 1992;124:807-9 (Brief comm.)
 Hsia CP (see Chen et al). 1992;124:356-65
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 Hung J-S (see Fu et al). 1992;124:1369-71 (Brief comm.)
 Hutchins GM (see Boruchow and Hutchins). 1992;124:1633-5 (Brief comm.)
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- Ichikawa T (see Nakamura et al). 1992;124:1283-8
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 Ipsen S (see Moreno et al). 1992;124:557-64
 Isaef DM (see Bansal et al). 1992;124:497-500 (Brief comm.)
 Ishihara M, Sato H, Tateishi H, Kawagoe T, Muraoka Y, Yoshimura M. Effects of intraaortic balloon pumping on coronary hemodynamics after coronary angioplasty in patients with acute myocardial infarction. 1992;124:1133-8
 Ishihara T (see Yanagisawa et al). 1992;124:1244-50
 Ishikawa K (see Yanagisawa et al). 1992;124:1244-50
 Ishizuka N (see Sakai et al). 1992;124:975-82
 Iskandrian AS, Ghods M, Helfeld H, Iskandrian B, Cave V, Heo J. The treadmill exercise score revisited: coronary arteriographic and thallium perfusion correlates. 1992;124:1581-6 (Curriculum cardi.)
 — (see Cave et al). 1992;124:610-3
 — (see Heo et al). 1992;124:1603-8 (Prog. cardi.)
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 Iwase M (see Takata et al). 1992;124:1574-80
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 — (see Tanabe et al). 1992;124:526-9 (Brief comm.)
- J**
- Jackman JD Jr, Hermler JB, Sketch MH Jr, Davidson CJ, Tchong JE, Phillips HR, Stack RS. Combined rotational and directional atherectomy guided by intravascular ultrasound in an occluded vein graft. 1992;124:214-6 (Brief comm.)
 Jacobs LE, Fraifeld M, Kotler MN, Ioli AW. Aortic dissection following intraaortic balloon insertion: recognition by transesophageal echocardiography. 1992;124:536-40 (Brief comm.)
 Jain H (see Massey et al). 1992;124:241-8 (Brief comm.)
 Janosik D (see Buckingham et al). 1992;124:1220-6
 Jaski BE, Cohen JD, Trausch J, Marsh DG, Bail GR, Overlie PA, Skowronski EW, Smith SC Jr. Outcome of urgent percutaneous transluminal coronary angioplasty in acute myocardial infarction: comparison of single-vessel versus multivessel coronary artery disease. 1992;124:1427-33
 Jenni R (see Linka et al). 1992;124:799-802 (Brief comm.)
 Jensen G (see Hildebrandt et al). 1992;124:1139-44
 Jensen J (see Hildebrandt et al). 1992;124:1139-44
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 Johnson EL (see Sudhir et al). 1992;124:870-5
 Johnson G III (see Okada et al). 1992;124:1190-5
 Johnston RB (see Salerno et al). 1992;124:947-54
 Jones DL, Klein GJ, Wood GK. Biphasic versus sequential pulse defibrillation: a direct comparison in pigs. 1992;124:97-103
 — (see Natale et al). 1992;124:104-9
 Jones EL (see Townsend et al). 1992;124:1643-4 (Brief comm.)
 Jones JP (see Chandraratna et al). 1992;124:1358-64 (Prog. cardi.)

- Jones RH (see Harpole and Jones). 1992;124:273-9
Jukema JW, van Dijkman PRM, van der Wall EE. Pseudoaneurysm of a saphenous vein coronary artery bypass graft with a fistula draining into the right atrium. 1992;124:1397-9 (Brief comm.)
Jureidini SB (see Appleton et al). 1992;124:1392-3 (Brief comm.)
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- Kaburagi T (see Sakata et al). 1992;124:854-60
Kachaner J (see Villain et al). 1992;124:194-7 (Curriculum cardiol.)
Kadel C, Vallbracht C, Buss F, Kober G, Kaltenbach M. Long-term follow-up after percutaneous transluminal coronary angioplasty in patients with single-vessel disease. 1992;124:1159-69
Kadish A (see Niebauer et al). 1992;124:1500-6
— (see Summitt et al). 1992;124:366-73
Kahana L (see Lewis et al). 1992;124:1009-16
Kahn JK. Percutaneous balloon angioplasty through an anomalous left main coronary artery. 1992;124:1372-3 (Brief comm.)
Kahn S (see Frishman et al). 1992;124:1026-30
Kai H, Koyanagi S, Takeshita A. Aortic valve prolapse with aortic regurgitation assessed by Doppler color-flow echocardiography. 1992;124:1297-1304
Kakura H (see Nobuyoshi et al). 1992;124:32-8
Kaltenbach M (see Kadel et al). 1992;124:1159-69
Kamada T (see Masuyama et al). 1992;124:983-94
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Kaneshige A (see Nair et al). 1992;124:154-9
Kang W (see Ge et al). 1992;124:176-82
Kannel WB, Wilson PWF. Efficacy of lipid profiles in prediction of coronary disease. 1992;124:768-74 (Prog. cardiol.)
Kaplan SD, Chartash EK, Pizzarello RA, Furie RA. Cardiac manifestations of the antiphospholipid syndrome. 1992;124:1331-8 (Curriculum cardiol.)
Kapoor A (see Chandraratna et al). 1992;124:1358-64 (Prog. cardiol.)
Karagounis L (see Moreno et al). 1992;124:557-64
Karlis DG, Chandrasekaran K. Intracardiac atherosclerotic debris by transesophageal echocardiography. 1992;124:1664 (Letter)
Karlsson J-E, Berglund U, Björkholm A, Ohlsson J, Swahn E, Wallentin L. Thrombolysis with recombinant human tissue-type plasminogen activator during instability in coronary artery disease: effect on myocardial ischemia and need for coronary revascularization. 1992;124:1419-26
Kasai A (see Yamakado et al). 1992;124:595-602
Kaseda S (see Matsumoto et al). 1992;124:1098-1100 (Brief comm.)
Kasper W, Wollschläger H, Geibel A, Meinertz T, Just H. Percutaneous mitral balloon valvuloplasty—a comparative evaluation of two transatrial techniques. 1992;124:1562-6
Kato H (see Masuda et al). 1992;124:314-9
Kato T, Kaneko E, Numano F, Oniki T, Hashimoto Y, Kishi Y, Yajima M, Iwakami M, Sekine T, Maezawa H, Furukawa T. Vasospastic angina in Crow-Fukase syndrome. 1992;124:505-7 (Brief Comm.)
Katona P, Wiener I, Saxena N. *Mycobacterium avium*-intracardiac infection of an automatic implantable cardioverter defibrillator. 1992;124:1380-1 (Brief comm.)
Katz ES (see Tunick et al). 1992;124:239-41 (Brief comm.)
Kaul S (see Pollock et al). 1992;124:793-4 (Brief comm.)
Kaul UA (see Tyagi et al). 1992;124:876-82
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Keegan J (see Davies et al). 1992;124:137-42
Kellermann AB (see Figulla et al). 1992;124:1251-7
Kelly KM (see Warner et al). 1992;124:1169-74
Kennedy HL, Bavishi NS, Buckingham TA. Ambulatory (Holter) electrocardiography signal-averaging: a current perspective. 1992;124:1339-46 (Prog. cardiol.)
— (see Buckingham et al). 1992;124:1220-6
Kent KM (see Satler et al). 1992;124:216-9 (Brief comm.)
Kereiakes DJ (see Tenaglia et al). 1992;124:585-9

- Keren G, Douek P, Oblon C, Bonner RF, Pichard AD, Leon MB. Atherosclerotic saphenous vein grafts treated with different interventional procedures assessed by intravascular ultrasound. 1992;124:198-206 (Prog. cardiol.)
Kern MJ (see Donohue et al). 1992;124:1645-8 (Brief comm.)
Khalilullah M (see Tyagi et al). 1992;124:876-82
Khan NR (see Marcus et al). 1992;124:1393-4 (Brief comm.)
Khan S (see Nicolini et al). 1992;124:280-8
Khanna SK (see Mohan et al). 1992;124:1641-2 (Brief comm.)
Kim K (see Nobuyoshi et al). 1992;124:32-8
Kim Y-H (see Natale et al). 1992;124:104-9
Kimball BP, Bui S, Cohen EA, Carere RG, Adelman AG. Comparison of acute elastic recoil after directional coronary atherectomy versus standard balloon angioplasty. 1992;124:1459-66
Kimball HR, Langdon LO. American Board of Internal Medicine recertification in cardiovascular disease. 1992;124:1672-3 (Letter)
—, Otto J. American Board of Internal Medicine examination schedule. 1992;124:1672 (Letter)
Kimura BJ, Fitzgerald PJ, Sudhir K, Amidon TA, Strunk BL, Yock PG. Guidance of directed coronary atherectomy by intracoronary ultrasound imaging. 1992;124:1365-9 (Brief comm.)
Kimura K (see Nobuyoshi et al). 1992;124:32-8
Kimura T (see Nobuyoshi et al). 1992;124:32-8
Kimura Y (see Matsumoto et al). 1992;124:1098-1100 (Brief comm.)
Kinoshita O, Takabayashi Y, Tanaka M, Hongo M, Sekiguchi M. QRST isointegral maps in patients with Romano-Ward syndrome. 1992;124:1631-3 (Brief comm.)
Kinoshita S, Okada F, Konishi G. Mechanism of irregular parasystole: differentiation of second-degree entrance block from electrotonic modulation. 1992;124:816-23 (Editorial)
Kirby DA (see Pinto et al). 1992;124:565-70
Kirklint JK (see Massey et al). 1992;124:241-8 (Brief comm.)
Kirsh M (see Niebauer et al). 1992;124:1500-6
Kishi Y (see Kato et al). 1992;124:505-7 (Brief Comm.)
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Klein H (see Trappe et al). 1992;124:636-44
Kloner RA (see Hagar et al). 1992;124:571-80
Knick B (see Buckles et al). 1992;124:1241-4
Ko Y-L, Lei M-H, Chiang F-T, Chen J-J, Kuan P, Lien W-P. Apical hypertrophic cardiomyopathy of the Japanese type: occurrence with familial hypertrophic cardiomyopathy in a family. 1992;124:1626-30 (Brief comm.)
Kobayashi A (see Tawaraha et al). 1992;124:1383-4 (Brief comm.)
Kobayashi K (see Takata et al). 1992;124:1574-80
Kober G (see Kadel et al). 1992;124:1159-69
Koeda T (see Nakamura et al). 1992;124:1283-8
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Kong BA (see Shaw et al). 1992;124:861-9
Kong C-W (see Chen et al). 1992;124:356-65
Konishi G (see Kinoshita et al). 1992;124:816-23 (Editorial)
Koska J, Kunichika ET, Pepine CJ, Wagman AJ. Successful use of low-dose tissue plasminogen activator for treatment of thrombosed prosthetic valve in a 22-month-old child. 1992;124:783-5 (Brief comm.)
Kostamis P (see Lekakis et al). 1992;124:1630-1 (Brief comm.)
Kostis JB (see Moreyra et al). 1992;124:392-7
Kotler MN (see Jacobs et al). 1992;124:536-40 (Brief comm.)
Kotlowski A (see Bhandari et al). 1992;124:87-96
Kowey PR, O'Brien R, Wu Y, Sewter J, Sokil A, Nocella J, Rials SJ. Effect of gallopamil on electrophysiologic abnormalities and ventricular arrhythmias associated with left ventricular hypertrophy in the feline heart. 1992;124:898-905
Koyanagi S (see Kai et al). 1992;124:1297-1304
Kramer A (see Corbalán et al). 1992;124:149-53
Kramer PH (see Vacek et al). 1992;124:1411-8
Krejcy K (see Todt et al). 1992;124:602-9
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Kriek E (see Mont et al). 1992;124:746-53 (Prog. cardiol.)
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- Kronzon I (see Tunick et al). 1992;124:239-41 (Brief comm.)
 Krumpal G (see Todd et al). 1992;124:602-9
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 Kubo Y (see Nakajima et al). 1992;124:1669-71 (Letter)
 Kuhn FE (see Uszenski et al). 1992;124:1276-83
 Kuhn M, Schriger DL. Low-dose calcium pretreatment to prevent verapamil-induced hypotension. 1992;124:231-2 (Brief comm.)
 Kumar A (see Moreyra et al). 1992;124:392-7
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- L'Abbate A (see Rovai et al). 1992;124:398-404
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 Lam D (see Chen et al). 1992;124:1648-50 (Brief comm.)
 LaMarche NS (see Santana et al). 1992;124:13-8
 Lamont LS, Finkelhor RS, Rupert SJ, Swierad PS, Alexander J. Combined arm-leg ergometry exercise testing. 1992;124:1102-4 (Brief comm.)
 Lampert S (see Tschaidse et al). 1992;124:912-6
 Landolina M (see Vincenti et al). 1992;124:374-80
 Lane GK (see Swift et al). 1992;124:1151-8
 Langdon LO (see Kimball and Langdon). 1992;124:1672-3 (Letter)
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 Langhough R (see Rao et al). 1992;124:172-5
 Laniado S (see Viskin et al). 1992;124:221-2 (Brief comm.)
 Lanzoni AM, Barrios V, Moya JL, Epeldegui A, Celemin D, Lafuente C, Asin-Cardiel E. Dynamic left ventricular outflow obstruction caused by cardiac echinococcosis. 1992;124:1083-5 (Brief comm.)
 Laperche T, Sarkis A, Monin JL, Laurian C, Gigou F, Cormier JM, Laubry CP. The ligamentum arteriosum: an unreported origin of peripheral emboli diagnosed by transesophageal echocardiography. 1992;124:222-3 (Brief comm.)
 La Rosée K (see Schwinger et al). 1992;124:320-30
 Laskey WK (see Vaitkus et al). 1992;124:1-8
 Latini R (see Vincenti et al). 1992;124:374-80
 Latson LA, Forbes TJ, Cheatham JP. Transcatheter coil embolization of a fistula from the posterior descending coronary artery to the right ventricle in a two-year-old child. 1992;124:1624-6 (Brief comm.)
 Lau C-P, Leung W-H, Wong C-K. A randomized double-blind crossover study comparing the efficacy and tolerability of flecainide and quinidine in the control of patients with symptomatic paroxysmal atrial fibrillation. 1992;124:645-50
 Lau KW, Gunnes P, Williams M, Rickards A, Sigwart U. Angiographic restenosis after successful Wallstent stent implantation: an analysis of risk predictors. 1992;124:1473-7
 Laubry CP (see Laperche et al). 1992;124:222-3 (Brief comm.)
 Lauer MS (see Coles et al). 1992;124:257-60 (Editorial)
 Launbjerg J, Berning J, Fruergaard P, Appleyard M. Sensitivity and specificity of echocardiographic identification of patients eligible for safe early discharge after acute myocardial infarction. 1992;124:846-53
 Laurian C (see Laperche et al). 1992;124:222-3 (Brief comm.)
 Lax D, Eicher M, Goldberg SJ. Mild dehydration induces echocardiographic signs of mitral valve prolapse in healthy females with prior normal cardiac findings. 1992;124:1533-40
 Lazar EJ (see Frishman et al). 1992;124:1026-30
 Le Breton H (see Mabo et al). 1992;124:1637-9 (Brief comm.)
 Lechleitner P, Genser N, Mair J, Dienstl A, Haring C, Wiedermann CJ, Puschendorf B, Saria A, Dienstl F. Calcitonin gene-related peptide in patients with and without early reperfusion after acute myocardial infarction. 1992;124:1433-9
 Lee A (see Shen et al). 1992;124:1081-2 (Brief comm.)
 Lee AHS, White L, Gallagher PJ, Dawkins KD. Acute arteritis after coronary angioplasty. 1992;124:508-10 (Brief comm.)
 Lee G, Cohen HS, Rink JL, Roche JG, Hanna ES, Mason DT. Application of a new real-time temperature control pulsed laser for ablation of atherosclerotic plaque. 1992;124:1653-4 (Brief comm.)
 — (see Chen et al). 1992;124:1648-50 (Brief comm.)
 Lee J-M (see Masuyama et al). 1992;124:983-94
 Leech G (see de Belder et al). 1992;124:1545-50
 Lei M-H (see Ko et al). 1992;124:1626-30 (Brief comm.)
 Leier CV. Regional blood flow in human congestive heart failure. 1992;124:726-38 (Curriculum cardi-ol.)
 Lekakis J, Nanas J, Moustafellou C, Darsinos J, Germanidis J, Agapitos N, Kostamis P, Mouloupoulos S. Cardiac amyloidosis detected by indium-111 antimony imaging. 1992;124:1630-1 (Brief comm.)
 Lemlek J, Heo J, Iskandrian AS. The clinical relevance of myocardial viability in patient management. 1992;124:1327-31 (Curriculum cardi-ol.)
 Leon C (see Bhandari et al). 1992;124:87-96
 Leon MB (see Keren et al). 1992;124:198-206 (Prog. cardi-ol.)
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 Lesbre J-P (see Shen et al). 1992;124:1524-33
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 Lev M (see Bharati and Lev). 1992;124:486-96 (Prog. cardi-ol.)
 Levatter J (see Rosenfeld et al). 1992;124:349-55
 Levine RA (see Rivera et al). 1992;124:1289-96
 — (see Thomas et al). 1992;124:1305-13
 Levy M (see Villain et al). 1992;124:194-7 (Curriculum cardi-ol.)
 Lewis BS, Makhoul N, Dakak N, Flugelman MY, Yechieli H, Halon DA, Kahana L. Atrial natriuretic peptide in severe heart failure: response to controlled changes in atrial pressures during intravenous nitroglycerin therapy. 1992;124:1009-16
 Li Y-W (see Wang et al). 1992;124:807-9 (Brief comm.)
 Li Z-A (see Wang et al). 1992;124:961-5
 Lichtlen PR (see Trappe et al). 1992;124:636-44
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 Lien W-P (see Ko et al). 1992;124:1626-30 (Brief comm.)
 — (see Shyu et al). 1992;124:1541-4
 Lijnen P. Biochemical mechanisms involved in the β -blocker-induced changes in serum lipoproteins. 1992;124:549-56 (Editorial)
 Lilienfeld DE, Godbold JH. Geographic distribution of pulmonary embolism mortality rates in the United States, 1980 to 1984. 1992;124:1068-72 (Prog. cardi-ol.)
 Limas C, Limas CJ, Boudoulas H, Graber H, Bair R, Sparks L, Wooley CF. T-cell receptor gene polymorphisms in familial cardiomyopathy: correlation with anti- β -receptor autoantibodies. 1992;124:1258-63
 Limas CJ (see Limas et al). 1992;124:1258-63
 Lin L-J (see Tsai et al). 1992;124:1106-9 (Brief comm.)
 Lin S-C (see Shyu et al). 1992;124:1541-4
 Lingle A (see Buckingham et al). 1992;124:1220-6
 Linka A, Ritter M, Turina M, Jenni R. Acute tricuspid papillary muscle rupture following blunt chest trauma. 1992;124:799-802 (Brief comm.)
 Lipkin DP (see Davies et al). 1992;124:137-42
 Littlefield JL (see Stratmann et al). 1992;124:1374-7 (Brief comm.)
 Liu L (see Wang et al). 1992;124:961-5
 Llorens R (see Cabanero et al). 1992;124:532-4 (Brief comm.)
 Lloyd TR. Variation in Doppler-derived stenotic aortic valve area during ejection. 1992;124:529-32 (Brief comm.)
 — (see Rao et al). 1992;124:172-5
 Loisanse D (see Dubois-Randé et al). 1992;124:679-85
 Lombardi M (see Rovai et al). 1992;124:398-404
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 — (see Stoddard et al). 1992;124:785-7 (Brief comm.)
 — (see Stoddard et al). 1992;124:1587-98 (Curriculum cardi-ol.)
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 Lue H-C (see Wang et al). 1992;124:807-9 (Brief comm.)
 Lundergan CF (see Segal and Lundergan). 1992;124:1073-7 (Brief comm.)

- Lundin AP (see Goldberg et al). 1992;124:424-7
Lundström T, Moor E, Rydén L. Differential effects of xamoterol and verapamil on ventricular rate regulation in patients with chronic atrial fibrillation. 1992;124:917-23
Lurie KG (see Cohen et al). 1992;124:1145-50
Luzza F (see Oretto et al). 1992;124:1506-11
- M**
- Mabo P, Le Breton H, De Place C, Daubert C. Asymptomatic pseudoaneurysm of the left ventricle and coronary artery fistula after closed-chest ablation of an accessory pathway. 1992;124:1637-9 (Brief comm.)
Macapinlac H (see Roistacher et al). 1992;124:516-21 (Brief comm.)
Madrid AH (see Moro-Serrano et al). 1992;124:503-5 (Brief Comm.)
Maizawa H (see Kato et al). 1992;124:505-7 (Brief Comm.)
Mager A (see Rechavia et al). 1992;124:387-91
Maharaj B, van der Byl K. A comparison of the acute hypotensive effects of two different doses of nifedipine. 1992;124:720-5
Mahmarijan JJ (see Gallik et al). 1992;124:1078-81 (Brief comm.)
Maiello L, Colombo A, Gianrossi R, Mutinelli M-R, Bouzon R, Thomas J, Finci L. Coronary angioplasty of chronic occlusions: factors predictive of procedural success. 1992;124:581-4
Mailhac A (see Bonetti et al). 1992;124:48-55
Mair J (see Schleitner et al). 1992;124:1433-9
Makhoul N (see Lewis et al). 1992;124:1009-16
Malhotra OP (see Bahl et al). 1992;124:1516-23
Malliani A (see Guzzetti et al). 1992;124:1666 (Letter reply)
Maraventano SW (see Singer et al). 1992;124:1567-73
Marcovitz PM, Aisen AM, Fencil LE, Swanson SD, Buda AJ. Metabolic effects of adenosine on regional myocardial ischemia by phosphorus-31 nuclear magnetic resonance spectroscopy. 1992;124:1205-12
Marcus B, Steward DJ, Khan NR, Scott EB, Scott GM, Gardner AJ, Wong PC. Use of laryngoscope and esophageal stethoscope to visually direct intraoperative insertion of pediatric transeophageal echocardiographic probe in infants and small children. 1992;124:1393-4 (Brief comm.)
Marder VJ (see Fears et al). 1992;124:305-14
Margonato A (see Bonetti et al). 1992;124:48-55
Marino ND (see Morales et al). 1992;124:1104-6 (Brief comm.)
Maroko AR (see Shi et al). 1992;124:418-23
Maroko PR (see Shi et al). 1992;124:418-23
Marrone GC (see Gorcsan et al). 1992;124:1109-12 (Brief comm.)
Marsh DG (see Jaski et al). 1992;124:1427-33
Marshak D (see Takemoto et al). 1992;124:143-8
Marshall H (see Moreno et al). 1992;124:557-64
Marti V, Guindo J, Homs E, Viñoles X, de Luna AB. Peaks of QT_A lengthening measured in Holter recordings as a marker of life-threatening arrhythmias in postmyocardial infarction patients. 1992;124:234-5 (Brief comm.)
———, ———, ———. QT interval after myocardial infarction. 1992;124:1671-2 (Letter)
Martin GR (see Satler et al). 1992;124:216-9 (Brief comm.)
Martinez EE (see Born et al). 1992;124:413-7
Martinez J (see Moro-Serrano et al). 1992;124:503-5 (Brief Comm.)
Martinez-Ruiz MD (see Guindo et al). 1992;124:510-3 (Brief comm.)
Marton F (see Chirillo et al). 1992;124:223-5 (Brief comm.)
Maruyama S (see Sato et al). 1992;124:428-34
Marvrić Z (see Matana et al). 1992;124:521-3 (Brief comm.)
Marzilli M (see Rovai et al). 1992;124:398-404
Mason DT (see Chen et al). 1992;124:1648-50 (Brief comm.)
——— (see Lee et al). 1992;124:1653-4 (Brief comm.)
Massey WM, Samdarsini TE, Nanda NC, Sanyal RS, Pinheiro L, Jain H, Kirklín JK. Serial documentation of changes in a mitral valve vegetation progressing to abscess rupture and fistula formation by transesophageal echocardiography. 1992;124:241-8 (Brief comm.)
Masumi GA (see Herrmann et al). 1992;124:160-6
Masuda T, Yasue H, Ogawa H, Misumi I, Sakamoto T, Okubo H, Miyao Y, Kato H. Plasma plasminogen activator inhibitor activity and tissue plasminogen activator levels in patients with unstable angina and those with coronary spastic angina. 1992;124:314-9
Masuyama T, Lee J-M, Yamamoto K, Tanouchi J, Hori M, Kamada T. Analysis of pulmonary venous flow velocity patterns in hypertensive hearts: its complementary value in the interpretation of mitral flow velocity patterns. 1992;124:983-94
Matana A, Marvrić Z, Vukas D, Beg-Zec Z. Spontaneous contrast echoes in pericardial effusion: sign of gas-producing infection. 1992;124:521-3 (Brief comm.)
Mathison R (see Czarnecki et al). 1992;124:1446-59
Matsubara T, Yamazoe M, Tamura Y, Ohshima M, Yamazaki Y, Suzuki M, Izumi T, Shibata A. Balloon catheter with check valves for experimental relief of acute aortic regurgitation. 1992;124:1002-8
Matsumori A (see Sato et al). 1992;124:428-34
Matsumoto T, Imai C, Tozawa M, Tomori M, Kaseda S, Kimura Y, Kawazoe N, Fukuyama K. Idiopathic pericarditis with pericardial tumor-like structures on echocardiograms. 1992;124:1098-1100 (Brief comm.)
Mayeda GS (see Spellberg et al). 1992;124:1662-3 (Letter reply)
McKay CR (see Reid et al). 1992;124:657-65
Meguro Y (see Shimizu et al). 1992;124:235-9 (Brief comm.)
Mehta AV, Chidambaram B. Absent left pulmonary vein without anomalous connection: diagnosis and management in the newborn. 1992;124:804-6 (Brief comm.)
———, ———, O'Riordan AC. Verapamil-induced gingival hyperplasia in children. 1992;124:535-6 (Brief comm.)
Mehta D, Saksena S, Krol RB. Survival of implantable cardioverter-defibrillator recipients: role of left ventricular function and its relationship to device use. 1992;124:1608-14 (Prog. cardiol.)
Mehta JL (see Nicolini et al). 1992;124:280-8
Meier B (see Pande et al). 1992;124:337-41
Meinertz T (see Kasper et al). 1992;124:1562-6
Melchior T (see Hildebrandt et al). 1992;124:1139-44
Mengel JO, Rossi MA. Chronic chagasic myocarditis pathogenesis: dependence on autoimmune and microvascular factors. 1992;124:1052-7 (Curriculum cardiol.)
Menlove RL (see Moreno et al). 1992;124:557-64
Merlet P (see Annane et al). 1992;124:1377-80 (Brief comm.)
——— (see Dubois-Randé et al). 1992;124:679-85
Michelassi C (see Rovai et al). 1992;124:398-404
Middlekauff HR (see Stevenson et al). 1992;124:123-30
Mikat EM (see Muhlestein et al). 1992;124:1058-67 (Prog. cardiol.)
Miki S (see Suzuki et al). 1992;124:39-47
Millaire A, Wurtz A, de Groote P, Saudemont A, Chambon A, Ducoux G. Malignant pericardial effusions: usefulness of pericardioscopy. 1992;124:1030-4
Miller D (see Shaw et al). 1992;124:861-9
Miller H (see Viskin et al). 1992;124:221-2 (Brief comm.)
Miller L (see Donohue et al). 1992;124:1645-8 (Brief comm.)
Minato N (see Ueno et al). 1992;124:1388-91 (Brief comm.)
Minor R (see Moore et al). 1992;124:514-6 (Brief comm.)
Misumi I (see Masuda et al). 1992;124:314-9
Mitchell MM. Intracardiac atherosclerotic debris by transesophageal echocardiography. 1992;124:1664 (Letter reply)
Mittleman RS, Candinas R, Dahlberg S, Vander Salm T, Moran JM, Huang SKS. Predictors of surgical mortality and long-term results of endocardial resection for drug-refractory ventricular tachycardia. 1992;124:1226-32
Miura Y (see Shimizu et al). 1992;124:235-9 (Brief comm.)
Miwa K (see Hirai et al). 1992;124:19-24
Miyagawa M (see Yanagisawa et al). 1992;124:1244-50
Miyao Y (see Masuda et al). 1992;124:314-9
Miyasaka CH (see Born et al). 1992;124:413-7
Mohan JC, Agarwala R, Khanna SK. Dissecting intramyocardial hematoma presenting as a massive pseudotumor of the right ventricle. 1992;124:1641-2 (Brief comm.)
Molajo AO. Sinus node hibernation resolved by PTCA. 1992;124:1662 (Letter)
Moles V (see Pande et al). 1992;124:337-41
Momomura S-i (see Sata et al). 1992;124:1085-8 (Brief comm.)
Mongiardo R (see Pennestri et al). 1992;124:966-74
Monin JL (see Laperche et al). 1992;124:222-3 (Brief comm.)
Mont L, Seixas T, Brugada P, Brugada J, Simonis F, Kriek E, Smeets JLRM, Wellens HJJ. The electrocardiographic, clinical, and electrophysiologic spectrum of idiopathic monomorphic ventricular tachycardia. 1992;124:746-53 (Prog. cardiol.)
Montagud M (see Guindo et al). 1992;124:510-3 (Brief comm.)
Montemayor IE (see Cohen et al). 1992;124:666-70
Montenero AS (see Natale et al). 1992;124:104-9
Moor E (see Lundström et al). 1992;124:917-23
Moore JA, DeRan BP, Minor R, Arthur J, Fraker TD Jr. Transeophageal echocardiographic evaluation of intracardiac lymphoma. 1992;124:514-6 (Brief comm.)
Morady F (see Niebauer et al). 1992;124:1500-6

- (see Summitt et al). 1992;124:366-73
 Moraes SD (see Born et al). 1992;124:413-7
 Morales JR (see Peláez-Domínguez et al). 1992;124:1082-3 (Brief comm.)
 Morales MC, Gleim GW, Marino ND, Glace BW, Coplan NL. The role of gender in echocardiographically-determined left ventricular mass in equally trained populations of runners. 1992;124:1104-6 (Brief comm.)
 Moran JM (see Littleman et al). 1992;124:1226-32
 Moreno FL, Karagounis L, Marshall H, Menlove RL, Ipsen S, Anderson JL. Thrombolysis-related early patency reduces ECG late potentials after acute myocardial infarction. 1992;124:557-64
 Moreno JS (see Peláez-Domínguez et al). 1992;124:1082-3 (Brief comm.)
 Moreno MM (see García-Fernández et al). 1992;124:955-61
 Moreyra AE, Lacy CR, Wilson AC, Kumar A, Kostis JB. Arterial blood nicotine concentration and coronary vasoconstrictive effect of low-nicotine cigarette smoking. 1992;124:392-7
 Morgera T, Di Lenarda A, Dreas L, Pinamonti B, Humar F, Busani R, Silvestri F, Chersevani D, Camerini F. Electrocardiography of myocarditis revisited: clinical and prognostic significance of electrocardiographic changes. 1992;124:455-67 (Curriculum cardi.)
 Mori H (see Sudhir et al). 1992;124:870-5
 Mori N (see Sakata et al). 1992;124:854-60
 Moro-Serrano C, Martínez J, Madrid AH, Ruflanchas JJ, Novo L, Huerta EM, Vázquez A, Tamargo J. Ventricular tachycardia in a patient with congenital coronary arteriovenous fistula. 1992;124:503-5 (Brief Comm.)
 Moron AF (see Born et al). 1992;124:413-7
 Moser D (see Stevenson et al). 1992;124:123-30
 Mouloupoulos S (see Lekakis et al). 1992;124:1630-1 (Brief comm.)
 Moustafellou C (see Lekakis et al). 1992;124:1630-1 (Brief comm.)
 Moya JL (see Lanzoni et al). 1992;124:1083-5 (Brief comm.)
 Muhlestein JB, Phillips HR, Quigley PJ, Bauman RP, Gammon RS, Chapman GD, Mikat EM, Palmos LE, Overman AB, Stack RS. Early and late outcome following deployment of a new flexible tantalum intracoronary stent in dogs. 1992;124:1058-67 (Prog. cardi.)
 Murakami MAM (see Salerno et al). 1992;124:947-54
 Murakami T (see Suzuki et al). 1992;124:39-47
 Muraoka Y (see Ishihara et al). 1992;124:1133-8
 Murayama S (see Yamakado et al). 1992;124:595-602
 Murphy JD (see Chin and Murphy). 1992;124:1655-7 (Brief comm.)
 Murphy JH (see Okada et al). 1992;124:1190-5
 Murray JJ (see Forman et al). 1992;124:1347-57 (Prog. cardi.)
 Musto A (see Musto et al). 1992;124:110-5
 Musto B, Cavallaro C, Musto A, D'Onofrio A, Belli A, De Vincentis L. Flecainide single oral dose for management of paroxysmal supraventricular tachycardia in children and young adults. 1992;124:110-5
 Mutinelli M-R (see Maiello et al). 1992;124:581-4
 Myers J, Salleh A, Buchanan N, Smith D, Neutel J, Bowes E, Froelicher VF. Ventilatory mechanisms of exercise intolerance in chronic heart failure. 1992;124:710-9
- N**
- Nadelmann J (see Frishman et al). 1992;124:1026-30
 Nagano M (see Obayashi et al). 1992;124:1263-9
 Nair CK, Biddle WP, Kaneshige A, Cook C, Ryschon K, Sketch MH Sr. Ten-year experience with mitral valve replacement in the elderly. 1992;124:154-9
 Nair M (see Tyagi et al). 1992;124:876-82
 Nakagawa M (see Sakai et al). 1992;124:975-82
 Nakagawa Y (see Nobuyoshi et al). 1992;124:32-8
 Nakajima S, Otsuka K, Yamanaka T, Omori K, Kubo Y, Toyoshima T, Watanabe Y, Watanabe H. Ambulatory blood pressure and postprandial hypotension. 1992;124:1669-71 (Letter)
 Nakamura F, Kvasnicka J, Uchida Y, Geschwind HJ. Percutaneous angiographic evaluation of luminal changes induced by excimer laser angioplasty. 1992;124:1467-72
 Nakamura K (see Sakai et al). 1992;124:975-82
 Nakamura M, Kawata Y, Yoshida H, Arakawa N, Koeda T, Ichikawa T, Furukoshi T, Hiramori K. Relationship between plasma atrial and brain natriuretic peptide concentration and hemodynamic parameters during percutaneous transvenous mitral valvulotomy in patients with mitral stenosis. 1992;124:1283-8
 Nakamura T (see Nobuyoshi et al). 1992;124:32-8
 Nakano T (see Yamakado et al). 1992;124:595-602
 Nakayama K (see Tanabe et al). 1992;124:526-9 (Brief comm.)
 Nakayama Y (see Ueno et al). 1992;124:1388-91 (Brief comm.)
 Nambiar CA, Tareif HE, Kishore KU, Ravindran J, Banerjee AK. Primary pericardial mesothelioma: one-year event-free survival. 1992;124:802-3 (Brief comm.)
 Nanas J (see Lekakis et al). 1992;124:1630-1 (Brief comm.)
 Nanda NC (see Massey et al). 1992;124:241-8 (Brief comm.)
 Naschitz JE, Yeshurun D, Abrahamson J. Arterial occlusive disease in occult cancer. 1992;124:738-45 (Curriculum cardi.)
 Natale A, Montenero AS, Bombardieri G, Barilaro C, Kim Y-H, Klein GJ, Jones DL. Effects of acute and prolonged administration of propafenone on internal defibrillation in the pig. 1992;124:104-9
 Natsuaki M (see Ueno et al). 1992;124:1388-91 (Brief comm.)
 Nerlich A (see Höfling et al). 1992;124:341-8
 Neumann K (see von der Leyen et al). 1992;124:686-93
 Neutel J (see Myers et al). 1992;124:710-9
 Neutel JM, Smith DHG, Graettinger WF, Winer RL, Weber MA. Heredity and hypertension: impact on metabolic characteristics. 1992;124:435-40
 Newman LG (see Hagar et al). 1992;124:571-80
 NHLBI-BVR investigators (see Reid et al). 1992;124:657-65
 Nichols WW (see Nicolini et al). 1992;124:280-8
 Nicolini FA, Nichols WW, Saldeen TGP, Khan S, Mehta JL. Adjunctive therapy with low molecular weight heparin with recombinant tissue-type plasminogen activator causes sustained reflow in canine coronary thrombosis. 1992;124:280-8
 Nidorf SM (see Siu et al). 1992;124:265-72
 Niebauer MJ, Kirsh M, Kadish A, Calkins H, Morady F. Outcome of endocardial resection in 33 patients with coronary artery disease: correlation with ventricular tachycardia morphology. 1992;124:1500-6
 Nishimura RA, Vonk GD, Rumberger JA, Tajik AJ. Semiquantitation of aortic regurgitation by different Doppler echocardiographic techniques and comparison with ultrafast computed tomography. 1992;124:995-1001
 Nobuyoshi M, Abe M, Nosaka H, Kimura T, Yokoi H, Hamasaki N, Shindo T, Kimura K, Nakamura T, Nakagawa Y, Shiode N, Sakamoto A, Kakura H, Iwasaki Y, Kim K, Kitaguchi S. Statistical analysis of clinical risk factors for coronary artery spasm: identification of the most important determinant. 1992;124:32-8
 Nocella J (see Kowey et al). 1992;124:898-905
 Norris LP (see Cohen et al). 1992;124:666-70
 Nosaka H (see Nobuyoshi et al). 1992;124:32-8
 Noshiro T (see Shimizu et al). 1992;124:235-9 (Brief comm.)
 Nouri S (see Appleton et al). 1992;124:1392-3 (Brief comm.)
 Novo L (see Moro-Serrano et al). 1992;124:503-5 (Brief Comm.)
 Nozaki A (see Yamashita et al). 1992;124:938-46
 Numano F (see Kato et al). 1992;124:505-7 (Brief Comm.)
- O**
- Obayashi T, Hattori K, Sugiyama S, Tanaka M, Tanaka T, Itoyama S, Deguchi H, Kawamura K, Koga Y, Toshima H, Takeda N, Nagano M, Ito T, Ozawa T. Point mutations in mitochondrial DNA in patients with hypertrophic cardiomyopathy. 1992;124:1263-9
 Oblon C (see Keren et al). 1992;124:198-206 (Prog. cardi.)
 O'Brien R (see Kowey et al). 1992;124:898-905
 Oda E (see Tanabe et al). 1992;124:526-9 (Brief comm.)
 Oertel LB (see Singer et al). 1992;124:1567-73
 Ogawa H (see Masuda et al). 1992;124:314-9
 Ohlsson J (see Karlsson et al). 1992;124:1419-26
 Ohman EM (see Tenaglia et al). 1992;124:585-9
 Ohno A (see Hirai et al). 1992;124:19-24
 Ohshima M (see Matsubara et al). 1992;124:1002-8
 Ohtani S (see Sakata et al). 1992;124:854-60
 Ohzeki T (see Shimizu et al). 1992;124:235-9 (Brief comm.)
 Okada F (see Kinoshita et al). 1992;124:816-23 (Editorial)
 Okada RD, Murphy JH, Boucher CA, Pohost GM, Strauss HW, Johnson G III, Daggett WM. Relationship between septal perfusion, viability, and motion before and after coronary artery bypass surgery. 1992;124:1190-5
 Okayama K (see Tawaraha et al). 1992;124:1383-4 (Brief comm.)
 Okazaki H (see Tanabe et al). 1992;124:526-9 (Brief comm.)
 O'Keefe JH Jr, Bateman TM, Silvestri R, Barnhart C. Safety and diagnostic accuracy of adenine thallium-201 scintigraphy in patients unable to exercise and those with left bundle branch block. 1992;124:614-21
 Okubo H (see Masuda et al). 1992;124:314-9

- Okubo N (see Sunaga et al). 1992;124:794-6 (Brief comm.)
— (see Sunaga et al). 1992;124:1657-9 (Brief comm.)
Oliveira JSM (see Bestetti et al). 1992;124:1088-90 (Brief comm.)
Om A, Ellahham S, DiSciascio G. Cholesterol embolism: an underdiagnosed clinical entity. 1992;124:1321-6 (Curriculum cardiol.)
—, Ornato JP. Reversibility of cocaine-induced cardiomyopathy. 1992;124:1639-41 (Brief comm.)
—, Vetrovec GW. Radiation-induced coronary artery disease. 1992;124:1598-1602 (Curriculum cardiol.)
—, Ellenbogen KA, Vetrovec GW. Cocaine-induced bradyarrhythmias. 1992;124:232-4 (Brief comm.)
—, Sperry R, Paulsen W. Transesophageal echocardiography for evaluation of thrombotic mitral valve prosthesis during thrombolytic therapy. 1992;124:781-3 (Brief comm.)
Omori K (see Nakajima et al). 1992;124:1669-71 (Letter)
Oniki T (see Kato et al). 1992;124:505-7 (Brief Comm.)
Ono N (see Sakata et al). 1992;124:854-60
Ono Y (see Tsuda et al). 1992;124:1551-7
Ooi WL (see Frishman et al). 1992;124:1026-30
Oonishi T (see Yamakado et al). 1992;124:595-602
Orbe LC (see Coma-Canella et al). 1992;124:1196-1204
Oreto G, Satullo G, Luzzo F, Donato A, Scimone IM, Cavalli A. Irregular ventricular tachycardia: a possible manifestation of longitudinal dissociation within the reentry pathway. 1992;124:1506-11
O'Riordan AC (see Mehta et al). 1992;124:535-6 (Brief comm.)
Orlov MV (see Brodsky et al). 1992;124:629-35
Ornato JP (see Om et al). 1992;124:1639-41 (Brief comm.)
O'Rourke RA (see Cohen et al). 1992;124:666-70
O'Shea JP (see Swift et al). 1992;124:1151-8
Otsuka K (see Nakajima et al). 1992;124:1669-71 (Letter)
Ott P, Fenster P. Should magnesium be part of the routine therapy for acute myocardial infarction? 1992;124:1113-8 (Editorial)
Otto CM (see Reid et al). 1992;124:657-65
Otto J (see Kimball and Otto). 1992;124:1672 (Letter)
Overlie PA (see Jaski et al). 1992;124:1427-33
Overman AB (see Muhlestein et al). 1992;124:1058-67 (Prog. cardiol.)
Oxer HF (see Swift et al). 1992;124:1151-8
Ozawa T (see Obayashi et al). 1992;124:1263-9
- P**
- Pai RG (see Bansal et al). 1992;124:497-500 (Brief comm.)
Palmos LE (see Muhlestein et al). 1992;124:1058-67 (Prog. cardiol.)
Pande AK, Meier B, Urban P, Moles V, Dorsaz P-A, Favre J. Intracoronary electrocardiogram during coronary angioplasty. 1992;124:337-41
Paredes A (see Viskin et al). 1992;124:221-2 (Brief comm.)
Parsonnet V. Extraction of transvenous pacing leads. 1992;124:1668 (Letter reply)
Patel A, Pumill R, Goldman D, Damato AN. Isorhythmic AV dissociation revisited. 1992;124:823-9 (Editorial)
Paul VE (see Bashir et al). 1992;124:1233-40
Paulsen W (see Burns et al). 1992;124:796-9 (Brief comm.)
— (see OM et al). 1992;124:781-3 (Brief comm.)
Pearce SA, Thompson CR, Allard MF. Accelerated calcification of an aortic bioprosthesis in an octogenarian. 1992;124:1652-3 (Brief comm.)
Pedersen JS (see Rosenfeldt et al). 1992;124:349-55
Peláez-Domínguez S, Pérez-Benito L, Moreno JS, Calvo IG, Morales JR, Bravo AP. Severe hemolytic anemia in hypertrophic cardiomyopathy. 1992;124:1082-3 (Brief comm.)
Penco M (see Fedele et al). 1992;124:589-95
Pennestrì F, Biasucci LM, Rinelli G, Mongiardo R, Lombardo A, Rossi E, Amico CM, Aquilina O, Loperfido F. Abnormal intraventricular flow patterns in left ventricular dysfunction determined by color Doppler study. 1992;124:966-74
Pepine CJ (see Koska et al). 1992;124:783-5 (Brief comm.)
Peres LC (see Rossi and Peres). 1992;124:700-9
Pérez-Benito L (see Peláez-Domínguez et al). 1992;124:1082-3 (Brief comm.)
Perlmutter RA (see Sager et al). 1992;124:1484-91
Perry JC, Garson A Jr. Flecainide acetate for treatment of tachyarrhythmias in children: review of world literature on efficacy, safety, and dosing. 1992;124:1614-21 (Prog. cardiol.)
Peteiro J, Gomez P. Heparin for left ventricular thrombus. 1992;124:1668-9 (Letter)
- Peters S, Hartwig CA, Reil GH. Risk assessment in nonischemic ventricular arrhythmia by left and right ventriculography. 1992;124:116-22
Phillips HR (see Jackman et al). 1992;124:214-6 (Brief comm.)
— (see Muhlestein et al). 1992;124:1058-67 (Prog. cardiol.)
— (see Tenaglia et al). 1992;124:585-9
Picard MH, Wilkins GT, Ray PA, Weyman AE. Progressive changes in ventricular structure and function during the year after acute myocardial infarction. 1992;124:24-31
— (see Siu et al). 1992;124:265-72
— (see Thomas et al). 1992;124:1305-13
Pichard AD (see Herrmann et al). 1992;124:160-6
— (see Keren et al). 1992;124:198-206 (Prog. cardiol.)
— (see Satler et al). 1992;124:216-9 (Brief comm.)
Pierri MK (see Roistacher et al). 1992;124:516-21 (Brief comm.)
Piessens J (see Stammen et al). 1992;124:1127-32
Pimobendan Multicenter Research Group (see Rector et al). 1992;124:1017-25
Pinamonti B (see Morgera et al). 1992;124:455-67 (Curriculum cardiol.)
Pinheiro L (see Massey et al). 1992;124:241-8 (Brief comm.)
Pinto JMB, Lown B, Fujii AM, Kirby DA. Transient coronary stenosis associated with arrhythmia and ischemia 24 hours after reperfusion. 1992;124:565-70
Pizzarello RA (see Kaplan et al). 1992;124:1331-8 (Curriculum cardiol.)
Plotnick GD (see Rubin et al). 1992;124:225-7 (Brief comm.)
Pohost GM (see Okada et al). 1992;124:1190-5
Pollock SG, Dent JM, Kaul S, Lake C. Diagnosis of ventricular assist device malfunction by transesophageal echocardiography. 1992;124:793-4 (Brief comm.)
Popma JJ, Dehmer GJ, Walker BS, Simon TR, Smitherman TC. Analysis of thallium-201 single-photon emission computed tomography after intravenous dipyridamole using different quantitative measures of coronary stenosis severity and receiver operator characteristic curves. 1992;124:65-74
Ports TA (see del Romeral et al). 1992;124:1213-9
— (see Sudhir et al). 1992;124:870-5
Pozzoli MMA (see Salustri et al). 1992;124:75-83
Preminger M (see Roistacher et al). 1992;124:516-21 (Brief comm.)
Prewitt KC, Gaither NS, Farb A, Wortham DC. Transient ischemic attacks after long-term clamshell occluder implantation for closure of atrial septal defect. 1992;124:1394-7 (Brief comm.)
Pritchett ELC (see Bhandari et al). 1992;124:381-6
Prosdociimi M (see Guzzetti et al). 1992;124:1666 (Letter reply)
Pumill R (see Patel et al). 1992;124:823-9 (Editorial)
Puschendorf B (see Lechleitner et al). 1992;124:1433-9
Py A (see Annane et al). 1992;124:1377-80 (Brief comm.)
- Q**
- Quigley PJ (see Muhlestein et al). 1992;124:1058-67 (Prog. cardiol.)
— (see Tenaglia et al). 1992;124:585-9
- R**
- Raberg G (see Todt et al). 1992;124:602-9
Rahimtoola SH (see Bhandari et al). 1992;124:87-96
— (see Tak et al). 1992;124:289-93
— (see Takemoto et al). 1992;124:143-8
Ramawamy K (see Herrmann et al). 1992;124:160-6
Ramee S (see Herrmann et al). 1992;124:160-6
Rao PS, Langhough R, Beekman RH, Lloyd TR, Sideris EB. Echocardiographic estimation of balloon-stretched diameter of secundum atrial septal defect for transcatheter occlusion. 1992;124:172-5
—, Wilson AD, Brazy J. Transumbilical balloon coarctation angioplasty in neonates with critical aortic coarctation. 1992;124:1622-4 (Brief comm.)
Rasmussen K (see Berntsen and Rasmussen). 1992;124:1478-83
Ravid S (see Tschaidse et al). 1992;124:912-6
Ravindran J (see Nambiar et al). 1992;124:802-3 (Brief comm.)
Ray PA (see Picard et al). 1992;124:24-31
Reade R (see Asseman et al). 1992;124:780-1 (Brief comm.)
Rechavia E, Strasberg B, Mager A, Zafir N, Kusniec J, Sagie A, Sclarovsky S. The incidence of atrial arrhythmias during inferior wall myocardial infarction with and without right ventricular involvement. 1992;124:387-91

- Rector TS, Cohn JN, Pimobendan Multicenter Research Group. Assessment of patient outcome with the Minnesota Living with Heart Failure questionnaire: reliability and validity during a randomized, double-blind, placebo-controlled trial of pimobendan. 1992;124:1017-25
- Redberg RF. Right-heart pulmonary emboli-in-transit. 1992;124:1663-4 (Letter reply)
- (see Cohen et al). 1992;124:1145-50
- Reddy PS (see Gorcsan et al). 1992;124:1109-12 (Brief comm.)
- Reiber JHC (see Di Mario et al). 1992;124:1181-9
- Reid CL, Otto CM, Davis KB, Labovitz A, Kisslo KB, McKay CR, NHLBI-BVR investigators. Influence of mitral valve morphology on mitral balloon commissurotomy: immediate and 6-month results from the NHLBI Balloon Valvuloplasty Registry. 1992;124:657-65
- Reijs AEM (see Salustri et al). 1992;124:75-83
- Reil GH (see Peters et al). 1992;124:116-22
- Reimold SC, Chalmers TC, Berlin JA, Antman EM. Assessment of the efficacy and safety of antiarrhythmic therapy for chronic atrial fibrillation: observations on the role of trial design and implications of drug-related mortality. 1992;124:924-32
- Rendall D (see Tenaglia et al). 1992;124:585-9
- Rey J-L (see Shen et al). 1992;124:1524-33
- Rials SJ (see Kowey et al). 1992;124:898-905
- Ribeiras R (see Garcia-Fernández et al). 1992;124:1650-2 (Brief comm.)
- Ribeiro PA, Fawzy ME, Awad M, Dunn B, Duran CG. Balloon valvotomy for pregnant patients with severe pliable mitral stenosis using the Inoue technique with total abdominal and pelvic shielding. 1992;124:1558-62
- Rickards A (see Lau et al). 1992;124:1473-7
- Rinelli G (see Pennestri et al). 1992;124:966-74
- Ringsdorf V (see Hildebrandt et al). 1992;124:1139-44
- Rink JL (see Lee et al). 1992;124:1653-4 (Brief comm.)
- Ritter M (see Linka et al). 1992;124:799-802 (Brief comm.)
- Rivera JM, Vandervoort PM, Thoreau DH, Levine RA, Weyman AE, Thomas JD. Quantification of mitral regurgitation with the proximal flow convergence method: a clinical study. 1992;124:1289-96
- Roberts DH (see Townsend et al). 1992;124:1643-4 (Brief comm.)
- Roberts WC (see Shirani and Roberts). 1992;124:1077-8 (Brief comm.)
- Robinson S (see Gottlieb et al). 1992;124:131-6
- Robuck OW (see Vacek et al). 1992;124:1411-8
- Roche JG (see Lee et al). 1992;124:1653-4 (Brief comm.)
- Rodgers C (see Stamler et al). 1992;124:1093-5 (Brief comm.)
- Roelandt JRTC (see Salustri et al). 1992;124:75-83
- Roistacher N, Preminger M, Macapinlac H, Pierri MK. Myocardial entrapment by lymphoma: a cause of reversible segmental left ventricular dysfunction. 1992;124:516-21 (Brief comm.)
- Rollins DL (see Guse et al). 1992;124:1491-1500
- Roman DS (see Garcia-Fernández et al). 1992;124:955-61
- (see Garcia-Fernández et al). 1992;124:1650-2 (Brief comm.)
- Rosamond TL (see Vacek et al). 1992;124:1411-8
- Rose B (see Burns et al). 1992;124:796-9 (Brief comm.)
- Rosenfeld LE (see Sager et al). 1992;124:1484-91
- Rosenfeldt FL, Chi L, Black AJR, Waugh JR, Pedersen JS, Levatter J. Excimer laser angioplasty in the atherosclerotic rabbit: comparison with balloon angioplasty. 1992;124:349-55
- Rosin MD (see Escaned et al). 1992;124:501-3 (Brief Comm.)
- Rosner B (see Singer et al). 1992;124:1567-73
- Rossi E (see Pennestri et al). 1992;124:966-74
- Rossi MA, Peres LC. Effect of captopril on the prevention and regression of myocardial cell hypertrophy and interstitial fibrosis in pressure overload cardiac hypertrophy. 1992;124:700-9
- (see Mengel and Rossi). 1992;124:1052-7 (Curriculum cardiol.)
- Roudot F (see Dubois-Randé et al). 1992;124:679-85
- Rovai D, Lombardi M, Ghelardini G, Marzilli M, Taddei L, Michiellasi C, Distante A, DeMaria AN, L'Abbate A. Discordance between responses of contrast echo intensity to increased flow rate in human coronary circulation and in vitro. 1992;124:398-404
- Rowe SA (see Berman et al). 1992;124:248-51 (Brief comm.)
- Rubin DA, Denys BG. Delayed and spontaneous coronary artery rupture following nonpenetrating chest trauma. 1992;124:1635-7 (Brief comm.)
- Rubin DC, Carliner NH, Salter DR, Plotnick GD, Hawke MW. Unruptured sinus of Valsalva aneurysm diagnosed by transthoracic echocardiography. 1992;124:225-7 (Brief comm.)
- Rudansky HW (see Feld et al). 1992;124:788-91 (Brief comm.)
- Rudd RM (see Davies et al). 1992;124:137-42
- Rudyak E (see Feld et al). 1992;124:788-91 (Brief comm.)
- Ruflanchas JJ (see Moro-Serrano et al). 1992;124:503-5 (Brief Comm.)
- Rumberger JA (see Nishimura et al). 1992;124:995-1001
- Rupert SJ (see Lamont et al). 1992;124:1102-4 (Brief comm.)
- Ryden L (see Lundström et al). 1992;124:917-23
- Ryschon K (see Nair et al). 1992;124:154-9
- S
- Sabri MN (see Warner et al). 1992;124:1169-74
- Sacknoff DM, Coplan NL. Exercise testing for stratifying cardiac risk following thrombolytic therapy for acute myocardial infarction. 1992;124:1400-3 (Editorial)
- Sadurni J (see Guindo et al). 1992;124:510-3 (Brief comm.)
- Sager PT, Perlmutter RA, Rosenfeld LE, Batsford WP. Determinants of the hemodynamic consequence to sustained ventricular arrhythmias after a single myocardial infarction. 1992;124:1484-91
- (see Bhandari et al). 1992;124:87-96
- Sagie A (see Rechavia et al). 1992;124:387-91
- St. Cyr JA, Fullerton DA. Successful repair of a pseudoaneurysm originating from a true left ventricular aneurysm. 1992;124:1381-2 (Brief comm.)
- Sakai K, Nakamura K, Ishizuka N, Nakagawa M, Hosoda S. Echocardiographic findings and clinical features of left ventricular pseudoaneurysm after mitral valve replacement. 1992;124:975-82
- Sakamoto A (see Nobuyoshi et al). 1992;124:32-8
- Sakamoto T (see Masuda et al). 1992;124:314-9
- Sakata K, Hoshino T, Yoshida H, Ono N, Ohtani S, Yokoyama S, Mori N, Kaburagi T, Kurata C, Urano T, Takada Y, Takada A. Circadian fluctuations of tissue plasminogen activator antigen and plasminogen activator inhibitor-1 antigens in vasospastic angina. 1992;124:854-60
- Saksena S (see Mehta et al). 1992;124:1608-14 (Prog. cardiol.)
- Saldeen T (see Sylven et al). 1992;124:841-5
- Saldeen TGP (see Nicolini et al). 1992;124:280-8
- Salerno DM, Murakami MAM, Johnston RB. The effects of β_A - and β_A -adrenergic blockade and calcium channel blockade on postresuscitation electrolyte changes. 1992;124:947-54
- Salleh A (see Myers et al). 1992;124:710-9
- Salter DR (see Rubin et al). 1992;124:225-7 (Brief comm.)
- Salustri A, Pozzoli MMA, Hermans W, Ilmer B, Cornel JH, Reijs AEM, Roelandt JRTC, Fioretti PM. Relationship between exercise echocardiography and perfusion single-photon emission computed tomography in patients with single-vessel coronary artery disease. 1992;124:75-83
- Samdarshi TE (see Massey et al). 1992;124:241-8 (Brief comm.)
- Santana JO, Haft JJ, LaMarche NS, Goldstein JE. Coronary angioplasty in patients eighty years of age or older. 1992;124:13-8
- Santos DV (see Born et al). 1992;124:413-7
- Sanyal RS (see Massey et al). 1992;124:241-8 (Brief comm.)
- Saria A (see Lechleitner et al). 1992;124:1433-9
- Sarkis A (see Laperche et al). 1992;124:222-3 (Brief comm.)
- Sasayama S (see Hirai et al). 1992;124:19-24
- Sata M, Momomura S-i, Takenaka K, Aoyagi T, Takahashi T, Serizawa T, Sugimoto T. Dynamic left ventricular outflow tract obstruction 4 years after aortic valve replacement. 1992;124:1085-8 (Brief comm.)
- Satler LF, Leon MB, Kent KM, Pichard AD, Martin GR. Angioplasty in a child with Kawasaki disease. 1992;124:216-9 (Brief comm.)
- Sato H (see Ishihara et al). 1992;124:1133-8
- Sato Y, Maruyama S, Kawai C, Matsumori A. Effect of immunosuppressant therapy on acute viral myocarditis in an animal model. 1992;124:428-34
- Satullo G (see Oretto et al). 1992;124:1506-11
- Saudemont A (see Millaire et al). 1992;124:1030-4
- Saunamäki KI (see Høst and Saunamäki). 1992;124:219-21 (Brief comm.)
- Saxena N (see Katona et al). 1992;124:1380-1 (Brief comm.)
- Saxon LA, Sherman CT, Stevenson WG, Yeatman LA, Wiener I. Ventricular tachycardia after infarction: sources of coronary blood flow to the infarct zone. 1992;124:84-6
- (see Stevenson et al). 1992;124:123-30
- Scavo D (see Fedele et al). 1992;124:589-95
- Schaer GL (see Uszenski et al). 1992;124:1276-83
- Scheinman MM (see Cohen et al). 1992;124:1145-50
- Schiller NB (see Barbant et al). 1992;124:541-3 (Editorial)
- (see Cohen et al). 1992;124:1145-50
- Schmitz W (see von der Leyen et al). 1992;124:686-93
- Scholz H (see von der Leyen et al). 1992;124:686-93

- Schriger DL (see Kuhn and Schriger). 1992;124:231-2 (Brief comm.)
- Schröder R (see Völler et al). 1992;124:622-9
- Schwartz PJ (see De Ferrari et al). 1992;124:883-90
- Schweitzer P. The values and limitations of the QT interval in clinical practice. 1992;124:1121-6 (Editorial)
- Schwinger RHG, Böhm M, La Rosée K, Erdmann E. Existence of PAF receptors in human platelets and human lung tissue but not in the human myocardium. 1992;124:320-30
- Schyten H-J (see Hildebrandt et al). 1992;124:1139-44
- Scimone IM (see Oreto et al). 1992;124:1506-11
- Sciarovsky S (see Rechavia et al). 1992;124:387-91
- Scott EB (see Marcus et al). 1992;124:1393-4 (Brief comm.)
- Scott GM (see Marcus et al). 1992;124:1393-4 (Brief comm.)
- Segal J, Lundergan CF. Determination of the hemodynamic significance of coronary artery stenoses of intermediate severity. 1992;124:1073-7 (Brief comm.)
- Seixas T (see Mont et al). 1992;124:746-53 (Prog. cardiol.)
- Sekiguchi M (see Kinoshita et al). 1992;124:1631-3 (Brief comm.)
- Sekine T (see Kato et al). 1992;124:505-7 (Brief Comm.)
- Sellke FW (see Breall et al). 1992;124:523-6 (Brief comm.)
- Serizawa T (see Sata et al). 1992;124:1085-8 (Brief comm.)
- Serruys PW (see Di Mario et al). 1992;124:1181-9
- Sethi KK (see Tyagi et al). 1992;124:876-82
- Sewter J (see Kowey et al). 1992;124:898-905
- Shaikh A (see Fawzy et al). 1992;124:167-71
- Shani J (see Challappa et al). 1992;124:775-7 (Brief comm.)
- (see Feld et al). 1992;124:788-91 (Brief comm.)
- Sharma GVRK (see Stamler et al). 1992;124:1093-5 (Brief comm.)
- Shaw L, Miller D, Kong BA, Hilton T, Stelken A, Stocke K, Chaitman BR. Determination of perioperative cardiac risk by adenosine thallium-201 myocardial imaging. 1992;124:861-9
- Shaw TRD (see Flapan et al). 1992;124:1270-6
- Shechter M. Right-heart pulmonary emboli-in-transit. 1992;124:1663 (Letter)
- Sheehan MA (see Singer et al). 1992;124:1567-73
- Shen EN, Grattan M, Hall B, Lee A. Idiopathic hypertrophic sub-aortic stenosis constitutes high risk for catheter interventional techniques of the left anterior descending artery. 1992;124:1081-2 (Brief comm.)
- Shen WF, Tribouilloy C, Rey J-L, Baudhuin J-J, Boey S, Dufosse H, Lesbre J-P. Prognostic significance of Doppler-derived left ventricular diastolic filling variables in dilated cardiomyopathy. 1992;124:1524-33
- Sherman CT (see Saxon et al). 1992;124:84-6
- Shi Y, Zalewski A, Bravette B, Maroko AR, Maroko PR. Selective dopamine-1 receptor agonist augments regional myocardial blood flow: comparison of fenoldopam and dopamine. 1992;124:418-23
- Shibata A (see Matsubara et al). 1992;124:1002-8
- (see Tanabe et al). 1992;124:526-9 (Brief comm.)
- Shimizu K, Miura Y, Meguro Y, Noshiro T, Ohzeki T, Kusakari T, Akama H, Watanabe T, Honma H, Imai Y, Yoshinaga K, Totsuka H. QT prolongation with torsade de pointes in pheochromocytoma. 1992;124:235-9 (Brief comm.)
- Shindo T (see Nobuyoshi et al). 1992;124:32-8
- Shiode N (see Nobuyoshi et al). 1992;124:32-8
- Shirani J, Roberts WC. Origin of the left main coronary artery from the right aortic sinus with retroaortic course of the anomalously arising artery. 1992;124:1077-8 (Brief comm.)
- Shirato C (see Yanagisawa et al). 1992;124:1244-50
- Shiu MF (see Escaned et al). 1992;124:501-3 (Brief Comm.)
- Shrivastava S (see Bahl et al). 1992;124:1516-23
- Shyu K-G, Hwang J-J, Lin S-C, Tzou S-S, Cheng J-J, Kuan P, Lien W-P. Prospective study of blood culture during transesophageal echocardiography. 1992;124:1541-4
- Sideris EB (see Rao et al). 1992;124:172-5
- Sigwart U (see Lau et al). 1992;124:1473-7
- Sillon S (see Stoddard et al). 1992;124:694-9
- Silvestri F (see Morgera et al). 1992;124:455-67 (Curriculum cardi.)
- Silvestri R (see O'Keefe et al). 1992;124:614-21
- Simon TR (see Popma et al). 1992;124:65-74
- Simonis F (see Mont et al). 1992;124:746-53 (Prog. cardiol.)
- Simons AJ. Aortic dissection and cocaine use. 1992;124:1665 (Letter reply)
- Simpfendorfer C (see Hollman et al). 1992;124:9-12
- Simpson L (see Höfling et al). 1992;124:341-8
- Singer DE, Hughes RA, Gress DR, Sheehan MA, Oertel LB, Maravantes SW, Blewett DR, Rosner B, Kistler JP. The effect of aspirin on the risk of stroke in patients with nonrheumatic atrial fibrillation: the BAATAF study. 1992;124:1567-73
- Siu SC, Nidorf SM, Galambos GS, Weyman AE, Picard MH. The effect of late patency of the infarct-related coronary artery on left ventricular morphology and regional function after thrombolysis. 1992;124:265-72
- Sketch MH Jr (see Jackman et al). 1992;124:214-6 (Brief comm.)
- Sketch MH Sr (see Nair et al). 1992;124:154-9
- Skowronski EW (see Jaski et al). 1992;124:1427-33
- Smeets JLRM (see Mont et al). 1992;124:746-53 (Prog. cardiol.)
- Smith D (see Myers et al). 1992;124:710-9
- Smith DHG (see Neutel et al). 1992;124:435-40
- Smith H (see Gerson et al). 1992;124:331-6
- Smith ML (see Ellenbogen et al). 1992;124:891-7
- Smith SC Jr (see Jaski et al). 1992;124:1427-33
- Smith WM (see Guse et al). 1992;124:1491-1500
- Smitherman TC (see Popma et al). 1992;124:65-74
- Sneddon JF (see Bashir et al). 1992;124:1233-40
- Soares EG (see Bestetti et al). 1992;124:1088-90 (Brief comm.)
- Soares FA (see Bestetti et al). 1992;124:1088-90 (Brief comm.)
- Sokil A (see Kowey et al). 1992;124:898-905
- Sparks L (see Limas et al). 1992;124:1258-63
- Spaulding C (see Annane et al). 1992;124:1377-80 (Brief comm.)
- Spellberg RD, Mayeda GS, Flores JN. Balloon valvotomy of mitral bioprosthetic stenosis. 1992;124:1662-3 (Letter reply)
- Sperry R (see OM et al). 1992;124:781-3 (Brief comm.)
- Spodick DH. Macrophysiology, microphysiology, and anatomy of the pericardium: a synopsis. 1992;124:1046-51 (Curriculum cardi.)
- , Normal sinus heart rate: sinus tachycardia and sinus bradycardia redefined. 1992;124:1119-21 (Editorial)
- Spratt JA (see Burns et al). 1992;124:796-9 (Brief comm.)
- Sriram R (see Fawzy et al). 1992;124:167-71
- Stack RS (see Jackman et al). 1992;124:214-6 (Brief comm.)
- (see Muhlestein et al). 1992;124:1058-67 (Prog. cardiol.)
- Stamler JS, Rodgers C, Hirano I, Brezinski D, Sharma GVRK. Treatment of complete heart block with inhaled β -agonists. 1992;124:1093-5 (Brief comm.)
- Stammen F, Piessens J, Glazier JJ, Vrolix MC, de Geest H, Willems JL. The conservative coronary angioplasty strategy after thrombolysis for acute myocardial infarction: immediate and short-term results. 1992;124:1127-32
- Standring R (see Fears et al). 1992;124:305-14
- Stark VJ (see Williams et al). 1992;124:294-304
- Steenagaard-Hansen F (see Hildebrandt et al). 1992;124:1139-44
- Stein RA (see Goldberg et al). 1992;124:424-7
- Steinfath M (see von der Leyen et al). 1992;124:686-93
- Stelken A (see Shaw et al). 1992;124:861-9
- Stevenson LW (see Stevenson et al). 1992;124:123-30
- Stevenson WG, Middlekauff HR, Stevenson LW, Saxon LA, Woo MA, Moser D. Significance of aborted cardiac arrest and sustained ventricular tachycardia in patients referred for treatment of advanced heart failure. 1992;124:123-30
- (see Saxon et al). 1992;124:84-6
- Steward DJ (see Marcus et al). 1992;124:1393-4 (Brief comm.)
- Stille-Siegner M (see Figulla et al). 1992;124:1251-7
- Stocke K (see Shaw et al). 1992;124:861-9
- Stoddard MF, Dawkins PR, Longaker RA. Mobile strands are frequently attached to the St. Jude Medical mitral valve prosthesis as assessed by two-dimensional transesophageal echocardiography. 1992;124:671-4
- , Liddell NE, Longaker RA, Dawkins PR. Transesophageal echocardiography: normal variants and mimickers. 1992;124:1587-98 (Curriculum cardi.)
- , Vogel RL, Longaker RA, Dawkins PR. Comparison of cardiac dimensions by transesophageal and transthoracic echocardiography. 1992;124:675-8
- , Longaker RA, Vuocolo LM, Dawkins PR. Transesophageal echocardiography in the pregnant patient. 1992;124:785-7 (Brief comm.)
- , Tseuda K, Thomas M, Sillon S, Kupersmith J. The influence of obesity on left ventricular filling and systolic function. 1992;124:694-9
- (see Vuocolo et al). 1992;124:791-3 (Brief comm.)
- Strasberg B (see Rechavia et al). 1992;124:387-91
- Stratmann HG, Flynn M, Littlefield JL, Wittry MD. Myocardial imaging with technetium 99m sestamibi after exercise-induced ventricular tachycardia. 1992;124:1374-7 (Brief comm.)
- Strauss HW (see Okada et al). 1992;124:1190-5
- Strunk BL (see Kimura et al). 1992;124:1365-69
- Sublett KL, Fujimura O. Atrioventricular node reentry that utilizes triple nodal pathways. 1992;124:777-9 (Brief comm.)

- Sudhir K, Hargrave VK, Johnson EL, Aldea G, Mori H, Ports TA, Yock PG. Measurement of volumetric coronary blood flow with a Doppler catheter: validation in an animal model. 1992;124:870-5
— (see Kimura et al). 1992;124:1365-69
- Sugimoto T (see Sata et al). 1992;124:1085-8 (Brief comm.)
— (see Yamashita et al). 1992;124:938-46
- Sugiura T (see Sunaga et al). 1992;124:794-6 (Brief comm.)
— (see Sunaga et al). 1992;124:1657-9 (Brief comm.)
- Sugiyama S (see Obayashi et al). 1992;124:1263-9
- Summitt J, Morady F, Kadish A. A comparison of standard and high-dose regimens for the initiation of amiodarone therapy. 1992;124:366-73
- Sunaga Y, Hayashi K, Okubo N, Taniuchi Y, Sugiura T, Tsuda N, Iwasaka T, Inada M. Transesophageal echocardiographic diagnosis of coronary sinus type atrial septal defect. 1992;124:1657-9 (Brief comm.)
—, Okubo N, Hayashi K, Taniuchi Y, Sugiura T, Iwasaka T, Inada M. Transesophageal echocardiographic diagnosis of coronary sinus orifice atresia. 1992;124:794-6 (Brief comm.)
- Sundram P (see Herrmann et al). 1992;124:160-6
- Suzuki M (see Matsubara et al). 1992;124:1002-8
- Suzuki Y, Tokunaga S, Ikeguchi S, Miki S, Iwase T, Tomita T, Murakami T, Kawai C. Induction of coronary artery spasm by intracoronary acetylcholine: comparison with intracoronary ergonovine. 1992;124:39-47
- Swahn E (see Karlsson et al). 1992;124:1419-26
- Swanson SD (see Marcovitz et al). 1992;124:1205-12
- Swierad PS (see Lamont et al). 1992;124:1102-4 (Brief comm.)
- Swift PC, Turner JH, Oxer HF, O'Shea JP, Lane GK, Woollard KV. Myocardial hibernation identified by hyperbaric oxygen treatment and echocardiography in postinfarction patients: comparison with exercise thallium scintigraphy. 1992;124:1151-8
- Sylvén C, Chen J, Bergström K, Björkman L, Wallin R, Saldeen T. Fibrin(ogen)-derived peptide B β 30-43 is a sensitive marker of activated neutrophils during fibrinolytic-treated acute myocardial infarction in man. 1992;124:841-5
- Szyrota A (see Dubois-Randé et al). 1992;124:679-85
- T**
- Taddei L (see Rovai et al). 1992;124:398-404
- Taillon LA (see Williams et al). 1992;124:294-304
- Tajik AJ (see Nishimura et al). 1992;124:995-1001
- Tak T, Visser C, Rahimtoola SH, Chandraratna PAN. Detection of acute myocardial infarction with digital image processing of two-dimensional echocardiograms. 1992;124:289-93
- Takabayashi Y (see Kinoshita et al). 1992;124:1631-3 (Brief comm.)
- Takada A (see Sakata et al). 1992;124:854-60
- Takada Y (see Sakata et al). 1992;124:854-60
- Takahashi M (see Tanabe et al). 1992;124:526-9 (Brief comm.)
- Takahashi O (see Tsuda et al). 1992;124:1551-7
- Takahashi T (see Sata et al). 1992;124:1085-8 (Brief comm.)
- Takata Y, Yoshizumi T, Ito Y, Ueno M, Tsukashima A, Iwase M, Kobayashi K, Fujishima M. Comparison of withdrawing antihypertensive therapy between diuretics and angiotensin converting enzyme inhibitors in essential hypertensives. 1992;124:1574-80
- Takeda N (see Obayashi et al). 1992;124:1263-9
- Takemoto KA, Bernstein L, Lopez JF, Marshak D, Rahimtoola SH, Chandraratna PAN. Abnormalities of diastolic filling of the left ventricle associated with aging are less pronounced in exercise-trained individuals. 1992;124:143-8
- Takenaka K (see Sata et al). 1992;124:1085-8 (Brief comm.)
- Takeshita A (see Kai et al). 1992;124:1297-1304
- Tamargo J (see Moro-Serrano et al). 1992;124:503-5 (Brief comm.)
- Tamburro P, Wilber D. Sudden death in idiopathic dilated cardiomyopathy. 1992;124:1035-45 (Curriculum cardiol.)
- Tamura Y (see Matsubara et al). 1992;124:1002-8
- Tanabe Y, Takahashi M, Kuwano H, Izumi T, Shibata A, Oda E, Nakayama K, Okazaki H, Eguchi S. Long-term fate of isolated congenital absent pulmonary valve. 1992;124:526-9 (Brief comm.)
- Tanaka M (see Kinoshita et al). 1992;124:1631-3 (Brief comm.)
— (see Obayashi et al). 1992;124:1263-9
- Tanaka T (see Obayashi et al). 1992;124:1263-9
- Taniuchi Y (see Sunaga et al). 1992;124:794-6 (Brief comm.)
— (see Sunaga et al). 1992;124:1657-9 (Brief comm.)
- Tanouchi J (see Masuyama et al). 1992;124:983-94
- Tapia J (see Corbalán et al). 1992;124:149-53
- Tareif HE (see Nambiar et al). 1992;124:802-3 (Brief comm.)
- Tateishi H (see Ishihara et al). 1992;124:1133-8
- Tawarabara K, Kurata C, Okayama K, Kobayashi A, Yamazaki N. Thallium-201 and gallium 67 single photon emission computed tomographic imaging in cardiac sarcoidosis. 1992;124:1383-4 (Brief comm.)
- Tcheng JE (see Jackman et al). 1992;124:214-6 (Brief comm.)
— (see Tenaglia et al). 1992;124:585-9
- Tenaglia AN, Quigley PJ, Kereiakes DJ, Abbottsmith CW, Phillips HR, Tcheng JE, Rendall D, Ohman EM. Coronary angioplasty performed with gradual and prolonged inflation using a perfusion balloon catheter: procedural success and restenosis rate. 1992;124:585-9
- Teng J-K (see Tsai et al). 1992;124:1106-9 (Brief comm.)
- Thery C (see Asseman et al). 1992;124:780-1 (Brief comm.)
- Thomas J (see Maiello et al). 1992;124:581-4
- Thomas JD, Flachskampf FA, Chen C, Guerrero JL, Picard MH, Levine RA, Weyman AE. Isovolumentic relaxation time varies predictably with its time constant and aortic and left atrial pressures: implications for the noninvasive evaluation of ventricular relaxation. 1992;124:1305-13
— (see Rivera et al). 1992;124:1289-96
- Thomas M (see Stoddard et al). 1992;124:694-9
- Thompson CR (see Pearce et al). 1992;124:1652-3 (Brief comm.)
- Thoreau DH (see Rivera et al). 1992;124:1289-96
- Thornton J (see Bunch et al). 1992;124:1440-6
- Ting C-T (see Chen et al). 1992;124:356-65
— (see Chen et al). 1992;124:1512-6
- Tiszlavicz L (see Fazekas et al). 1992;124:227-31 (Brief comm.)
- Tobis JM (see Herrmann et al). 1992;124:160-6
- Todt H, Krumpl G, Krejcy K, Raberger G. Mode of QT correction for heart rate: implications for the detection of inhomogeneous repolarization after myocardial infarction. 1992;124:602-9
- Tokunaga S (see Suzuki et al). 1992;124:39-47
- Tolman DE (see Burns et al). 1992;124:796-9 (Brief comm.)
- Tomita T (see Suzuki et al). 1992;124:39-47
- Tommasini G (see De Ferrari et al). 1992;124:883-90
- Tomori M (see Matsumoto et al). 1992;124:1098-1100 (Brief comm.)
- Topaz O, DeSciaccio G, Vetrovec GW. Septal perforator arteries: from angiographic-morphologic characteristics to related revascularization options. 1992;124:810-5 (Editorial)
- Topol EJ (see Arnold and Topol). 1992;124:441-7 (Curriculum cardiol.)
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- Vaitkus PT, Herrmann HC, Laskey WK. Management and immediate outcome of patients with intracoronary thrombus during percutaneous transluminal coronary angioplasty. 1992;124:1-8
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- Vincenti A, Landolina M, Latini R, Cavalli A, Gaita F, Giani P. Antiarrhythmic Drug Evaluation Group. Washout of long-term treatment with flecainide and propafenone in patients with complex ventricular arrhythmias and cardiac disease. 1992;124:374-80
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- von der Leyen H, Steinfath M, Hecht A, Schmitz W, Scholz H, Neumann K, Haverich A, Heublein B. Changes in cardiac β_A - and β_B -adrenoceptor densities after human cardiac transplantation: relation to transplant coronary vasculopathy and pre-transplantation disease. 1992;124:686-93
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- Detection of acute myocardial infarction with digital image processing of two-dimensional echocardiograms (Tak et al). 1992;124:289-93

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- Fatal pulmonary venoocclusive disease after use of oral contraceptives (Townsend et al). 1992;124:1643-4 (Brief comm.)

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- Contractile, metabolic and arrhythmogenic effects of ionic and nonionic contrast agents in the isolated rat heart (Gloth et al). 1992;124:651-6

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- Initial presentation of cor triatriatum in a 55-year-old woman (Feld et al). 1992;124:788-91 (Brief comm.)

- Transesophageal two-dimensional and Doppler echocardiographic diagnosis of cor triatriatum in the adult (Vuocolo et al). 1992;124:791-3 (Brief comm.)

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- Determination of the hemodynamic significance of coronary artery stenoses of intermediate severity (Segal and Lundergan). 1992;124:1073-7 (Brief comm.)
- Septal perforator arteries: from angiographic-morphologic characteristics to related revascularization options (Topaz et al). 1992;124:810-5 (Editorial)
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- Pseudoaneurysm of a saphenous vein coronary artery bypass graft with a fistula draining into the right atrium (Jukema et al). 1992;124:1397-9 (Brief comm.)

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The white blood cell count and risk for coronary heart disease (Ensrud and Grimm). 1992;124:207-13 (Prog. cardiol.)

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- Reversibility of left ventricular dysfunction after successful catheter ablation of supraventricular reentrant tachycardia (Chen et al). 1992;124:1512-6

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- Biphasic versus sequential pulse defibrillation: a direct comparison in pigs (Jones et al). 1992;124:97-103
- Defibrillation electrode configurations developed from cardiac mapping that combine biphasic shocks with sequential timing (Guse et al). 1992;124:1491-1500
- Effects of acute and prolonged administration of propafenone on internal defibrillation in the pig (Natale et al). 1992;124:104-9

Electrolytes

- The effects of β_1 - and β_2 -adrenergic blockade and calcium channel blockade on postresuscitation electrolyte changes (Salerno et al). 1992;124:947-54

Electrophysiology

- Atrioventricular node reentry that utilizes triple nodal pathways (Sublett and Fujimura). 1992;124:777-9 (Brief comm.)
- A comparison of standard and high-dose regimens for the initiation of amiodarone therapy (Summitt et al). 1992;124:366-73
- Effect of gallopamil on electrophysiologic abnormalities and ventricular arrhythmias associated with left ventricular hypertrophy in the feline heart (Kowey et al). 1992;124:898-905

Electrophysiology—Cont'd

- The electrocardiographic, clinical, and electrophysiologic spectrum of idiopathic monomorphic ventricular tachycardia (Mont et al). 1992;124:746-53 (Prog. cardiol.)
- Role of mapping-guided surgery in patients with recurrent ventricular tachycardia (Trappe et al). 1992;124:636-44
- Subcutaneous lidocaine affects inducibility in programmed electrophysiology testing in children: a follow-up study (Buckles et al). 1992;124:1241-4

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- Cholesterol embolism: an underdiagnosed clinical entity (Om et al). 1992;124:1321-6 (Curriculum cardiol.)
- Emergency recognition and treatment of strut fracture and disc embolization in patients with Björk-Shiley valve prosthesis (Chen et al). 1992;124:1648-50 (Brief comm.)
- Left atrial free-floating thrombus with multiple systemic emboli in orthotopic heart transplantation (de Soria et al). 1992;124:1090-3 (Brief comm.)
- The ligamentum arteriosum: an unreported origin of peripheral emboli diagnosed by transesophageal echocardiography (Laperche et al). 1992;124:222-3 (Brief comm.)
- Multiple emboli from a large aortic arch thrombus in a patient with thrombotic diathesis (Tunick et al). 1992;124:239-41 (Brief comm.)
- Risk factors for systemic embolism in patients with paroxysmal atrial fibrillation (Corbalán et al). 1992;124:149-53

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- Transcatheter coil embolization of a fistula from the posterior descending coronary artery to the right ventricle in a two-year-old child (Latson et al). 1992;124:1624-6 (Brief comm.)

Emergency medical services

- Cardiac emergencies at a major international airport: a prospective observational study (Coles et al). 1992;124:257-60 (Editorial)
- Lidocaine to prevent ventricular fibrillation in the prehospital phase of suspected acute myocardial infarction: the North-Norwegian Lidocaine Intervention Trial (Berntsen and Rasmussen). 1992;124:1478-83

Endocardial fibroelastosis

- Heart transplant in Ebstein's anomaly with endocardial fibroelastosis (Cabanero et al). 1992;124:532-4 (Brief comm.)

Endocarditis

- Aortic endocarditis after percutaneous balloon valvuloplasty: the role of transesophageal echocardiography in early detection and follow-up (Chirillo et al). 1992;124:223-5 (Brief comm.)

Endocarditis, bacterial

- Serial documentation of changes in a mitral valve vegetation progressing to abscess rupture and fistula formation by transesophageal echocardiography (Massey et al). 1992;124:241-8 (Brief comm.)

Endocardium

- Outcome of endocardial resection in 33 patients with coronary artery disease: correlation with ventricular tachycardia morphology (Niebauer et al). 1992;124:1500-6
- Predictors of surgical mortality and long-term results of endocardial resection for drug-refractory ventricular tachycardia (Mittleman et al). 1992;124:1226-32

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Endorphins

- Endogenous opioid system modulation in anginal pain: demonstration of its central activity (Fedele et al). 1992;124:589-95

Enoxaparin

- Adjunctive therapy with low molecular weight heparin with recombinant tissue-type plasminogen activator causes sustained reflow in canine coronary thrombosis (Nicolini et al). 1992;124:280-8

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Equipment and supplies

- Active compression-decompression resuscitation: a novel method of cardiopulmonary resuscitation (Cohen et al). 1992;124:1145-50
- Application of a new real-time temperature control pulsed laser for ablation of atherosclerotic plaque (Lee et al). 1992;124:1653-4 (Brief comm.)
- Defibrillation electrode configurations developed from cardiac mapping that combine biphasic shocks with sequential timing (Guse et al). 1992;124:1491-1500

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- Transient ischemic attacks after long-term clamshell occluder implantation for closure of atrial septal defect (Prewitt et al). 1992;124:1394-7 (Brief comm.)

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- Diagnosis of ventricular assist device malfunction by transesophageal echocardiography (Pollock et al). 1992;124:793-4 (Brief comm.)

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- Induction of coronary artery spasm by intracoronary acetylcholine: comparison with intracoronary ergonovine (Suzuki et al). 1992;124:39-47

Erythrocyte rouleaux formation

- The relationship between intracardiovascular smoke-like echo and erythrocyte rouleaux formation (Wang et al). 1992;124:961-5

Erythropoietin

- Changes in left ventricular size, wall thickness, and function in anemic patients treated with recombinant human erythropoietin (Goldberg et al). 1992;124:424-7

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Examinations

- American Board of Internal Medicine examination schedule (Kimball and Otto). 1992;124:1672 (Letter)
- American Board of Internal Medicine recertification in cardiovascular disease (Kimball and Langdon). 1992;124:1672-3 (Letter)

Excimer laser angioplasty; see Angioplasty, laser

Exercise

- Abnormalities of diastolic filling of the left ventricle associated with aging are less pronounced in exercise-trained individuals (Takemoto et al). 1992;124:143-8
- Thallium-201 tomography in the management of exercise-induced coronary spasm (Gallik et al). 1992;124:1078-81 (Brief comm.)

Exercise test

- Combined arm-leg ergometry exercise testing (Lamont et al). 1992;124:1102-4 (Brief comm.)
- Coronary collaterals reduce the duration of exercise-induced ischemia by allowing a faster recovery (Bonetti et al). 1992;124:48-55
- Detection of restenosis with dobutamine stress test after coronary angioplasty (Coma-Canella et al). 1992;124:1196-1204
- Exercise testing for stratifying cardiac risk following thrombolytic therapy for acute myocardial infarction (Sacknoff and Coplan). 1992;124:1400-3 (Editorial)
- Left ventricular function under stress before and after myocardial revascularization (Harpole and Jones). 1992;124:273-9
- Myocardial hibernation identified by hyperbaric oxygen treatment and echocardiography in postinfarction patients: comparison with exercise thallium scintigraphy (Swift et al). 1992;124:1151-8
- Myocardial imaging with technetium 99m sestamibi after exercise-induced ventricular tachycardia (Stratmann et al). 1992;124:1374-7 (Brief comm.)
- Relationship between exercise echocardiography and perfusion single-photon emission computed tomography in patients with single-vessel coronary artery disease (Salustri et al). 1992;124:75-83
- The role of exercise testing for evaluating patients with unstable angina (Coplan and Wallach). 1992;124:252-6 (Editorial)
- Side effects during adenosine thallium imaging with single-port or double-port infusion protocols (Cave et al). 1992;124:610-3
- The treadmill exercise score revisited: coronary arteriographic and thallium perfusion correlates (Iskandrian et al). 1992;124:1581-6 (Curriculum cardiol.)
- Ventilatory mechanisms of exercise intolerance in chronic heart failure (Myers et al). 1992;124:710-9

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- Extraction of transvenous pacing leads (Byrd) (Letter); (Parsonnet) (Reply). 1992;124:1667-8

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Transient ST segment depression during Holter monitoring: how to avoid false positive findings (Völler et al). 1992;124:622-9

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Selective dopamine-1 receptor agonist augments regional myocardial blood flow: comparison of fenoldopam and dopamine (Shi et al). 1992;124:418-23

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Fetal atrial flutter and fibrillation: prenatal echocardiographic detection and management (Chao et al). 1992;124:1095-8 (Brief comm.)

Pregnancy in patients with prosthetic heart valves: the effects of anticoagulation on mother, fetus, and neonate (Born et al). 1992;124:413-7

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Mobile strands are frequently attached to the St. Jude Medical mitral valve prosthesis as assessed by two-dimensional transesophageal echocardiography (Stoddard et al). 1992;124:671-4

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Fibrin(ogen)-derived peptide B β 30-43 is a sensitive marker of activated neutrophils during fibrinolytic-treated acute myocardial infarction in man (Sylvén et al). 1992;124:841-5

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Fibrin(ogen)-derived peptide B β 30-43 is a sensitive marker of activated neutrophils during fibrinolytic-treated acute myocardial infarction in man (Sylvén et al). 1992;124:841-5

Management and immediate outcome of patients with intracoronary thrombus during percutaneous transluminal coronary angioplasty (Vaitkus et al). 1992;124:1-8

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Effect of captopril on the prevention and regression of myocardial cell hypertrophy and interstitial fibrosis in pressure overload cardiac hypertrophy (Rossi and Peres). 1992;124:700-9

Fistula

Asymptomatic pseudoaneurysm of the left ventricle and coronary artery fistula after closed-chest ablation of an accessory pathway (Mabo et al). 1992;124:1637-9 (Brief comm.)

Pseudoaneurysm of a saphenous vein coronary artery bypass graft with a fistula draining into the right atrium (Jukema et al). 1992;124:1397-9 (Brief comm.)

Right coronary artery-to-left ventricle fistula identified by transesophageal echocardiography (Tsai et al). 1992;124:1106-9 (Brief comm.)

Serial documentation of changes in a mitral valve vegetation progressing to abscess rupture and fistula formation by transesophageal echocardiography (Massey et al). 1992;124:241-8 (Brief comm.)

Transcatheter coil embolization of a fistula from the posterior descending coronary artery to the right ventricle in a two-year-old child (Latson et al). 1992;124:1624-6 (Brief comm.)

Unique manifestations of congenital coronary artery fistulas (Ueno et al). 1992;124:1388-91 (Brief comm.)

Flecainide

Flecainide acetate for treatment of tachyarrhythmias in children: review of world literature on efficacy, safety, and dosing (Perry and Garson). 1992;124:1614-21 (Prog. cardiol.)

Flecainide single oral dose for management of paroxysmal supraventricular tachycardia in children and young adults (Musto et al). 1992;124:110-5

A randomized double-blind crossover study comparing the efficacy and tolerability of flecainide and quinidine in the control of patients with symptomatic paroxysmal atrial fibrillation (Lau et al). 1992;124:645-50

Reversible protective effect of propafenone or flecainide during atrial fibrillation in patients with an accessory atrioventricular connection (Auricchio). 1992;124:932-7

Washout of long-term treatment with flecainide and propafenone in patients with complex ventricular arrhythmias and cardiac disease (Vincenti et al). 1992;124:374-80

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Abnormal intraventricular flow patterns in left ventricular dysfunction determined by color Doppler study (Pennestri et al). 1992;124:966-74

Left atrial appendage Doppler flow patterns: implications on thrombus formation (García-Fernández et al). 1992;124:955-61

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Variation in Doppler-derived stenotic aortic valve area during ejection (Lloyd). 1992;124:529-32 (Brief comm.)

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Mild dehydration induces echocardiographic signs of mitral valve prolapse in healthy females with prior normal cardiac findings (Lax et al). 1992;124:1533-40

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Gallium

Thallium-201 and gallium 67 single photon emission computed tomographic imaging in cardiac sarcoidosis (Tawarahara et al). 1992;124:1383-4 (Brief comm.)

Gallopamil

Effect of gallopamil on electrophysiologic abnormalities and ventricular arrhythmias associated with left ventricular hypertrophy in the feline heart (Kowey et al). 1992;124:898-905

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Spontaneous contrast echoes in pericardial effusion: sign of gas-producing infection (Matana et al). 1992;124:521-3 (Brief comm.)

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Heredity and hypertension: impact on metabolic characteristics (Neutel et al). 1992;124:435-40

Geography

Geographic distribution of pulmonary embolism mortality rates in the United States, 1980 to 1984 (Lilienfeld and Godbold). 1992;124:1068-72 (Prog. cardiol.)

Gingival hyperplasia

Verapamil-induced gingival hyperplasia in children (Mehta et al). 1992;124:535-6 (Brief comm.)

Glucose, metabolism

Quantitative planar imaging of glucose metabolic activity in myocardial segments with exercise thallium-201 perfusion defects in patients with myocardial infarction: comparison with late (24-hour) redistribution thallium imaging for detection of reversible ischemia (Williams et al). 1992;124:294-304

Graft occlusion, vascular

Combined rotational and directional atherectomy guided by intravascular ultrasound in an occluded vein graft (Jackman et al). 1992;124:214-6 (Brief comm.)

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Comparison of cardiac dimensions by transesophageal and transthoracic echocardiography (Stoddard et al). 1992;124:675-8

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Contractile, metabolic and arrhythmogenic effects of ionic and nonionic contrast agents in the isolated rat heart (Gloth et al). 1992;124:651-6

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Determinants of the hemodynamic consequence to sustained ventricular arrhythmias after a single myocardial infarction (Sager et al). 1992;124:1484-91

Significance of aborted cardiac arrest and sustained ventricular tachycardia in patients referred for treatment therapy of advanced heart failure (Stevenson et al). 1992;124:123-30

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Diagnosis of ventricular assist device malfunction by transesophageal echocardiography (Pollock et al). 1992;124:793-4 (Brief comm.)

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Aneurysm of the noncoronary sinus of Valsalva ruptured into the left atrium (Cabanes et al). 1992;124:1659-61 (Brief comm.)

Hemodynamic diagnosis of mitral valve obstruction by left atrial myxoma with transesophageal continuous wave Doppler (Gorcsan et al). 1992;124:1109-12 (Brief comm.)

Isorhythmic AV dissociation revisited (Patel et al). 1992;124:823-9 (Editorial)

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- Left atrial free-floating thrombus with multiple systemic emboli in orthotopic heart transplantation (de Soria et al). 1992;124:1090-3 (Brief comm.)
- Primary lymphoma of the right atrium with fatal neoplastic pulmonary embolism (Bestetti et al). 1992;124:1088-90 (Brief comm.)
- Pseudoaneurysm of a saphenous vein coronary artery bypass graft with a fistula draining into the right atrium (Jukema et al). 1992;124:1397-9 (Brief comm.)
- Role of anatomic architecture in sustained atrial reentry and double potentials (Yamashita et al). 1992;124:938-46
- Transesophageal contrast echocardiography and color flow mapping: Methods of choice for the detection of shunts at the atrial level? (de Belder et al). 1992;124:1545-50

Heart block

- Isorhythmic AV dissociation revisited (Patel et al). 1992;124:823-9 (Editorial)
- Mechanism of irregular parasystole: differentiation of second-degree entrance block from electrotonic modulation (Kinoshita et al). 1992;124:816-23 (Editorial)
- Treatment of complete heart block with inhaled β -agonists (Stamler et al). 1992;124:1093-5 (Brief comm.)

Heart catheterization

- Echocardiographic estimation of balloon-stretched diameter of secundum atrial septal defect for transcatheter occlusion (Rao et al). 1992;124:172-5
- Idiopathic hypertrophic subaortic stenosis constitutes high risk for catheter interventional techniques of the left anterior descending artery (Shen et al). 1992;124:1081-2 (Brief comm.)
- Measurement of volumetric coronary blood flow with a Doppler catheter: validation in an animal model (Sudhir et al). 1992;124:870-5
- Noninvasive evaluation of interventricular pressure gradient across ventricular septal defect: a simultaneous study of Doppler echocardiography and cardiac catheterization (Ge et al). 1992;124:176-82
- Significance of coronary angiography, left heart catheterization and endomyocardial biopsy for the diagnosis of idiopathic dilated cardiomyopathy (Figulla et al). 1992;124:1251-7
- Subcutaneous lidocaine affects inducibility in programmed electrophysiology testing in children: a follow-up study (Buckles et al). 1992;124:1241-4
- Venous sheath to facilitate cardiac catheterization via the umbilical vein (Appleton et al). 1992;124:1392-3 (Brief comm.)

Heart conduction system

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Heart defects, congenital

- Initial presentation of cor triatriatum in a 55-year-old woman (Feld et al). 1992;124:788-91 (Brief comm.)
- Transesophageal echocardiographic diagnosis of coronary sinus orifice atresia (Sunaga et al). 1992;124:794-6 (Brief comm.)
- Transesophageal two-dimensional and Doppler echocardiographic diagnosis of cor triatriatum in the adult (Vuocolo et al). 1992;124:791-3 (Brief comm.)
- Unique manifestations of congenital coronary artery fistulas (Ueno et al). 1992;124:1388-91 (Brief comm.)
- Use of laryngoscope and esophageal stethoscope to visually direct intraoperative insertion of pediatric transesophageal echocardiographic probe in infants and small children (Marcus et al). 1992;124:1393-4 (Brief comm.)
- Venous sheath to facilitate cardiac catheterization via the umbilical vein (Appleton et al). 1992;124:1392-3 (Brief comm.)
- Ventricular tachycardia in a patient with congenital coronary arteriovenous fistula (Moro-Serrano et al). 1992;124:503-5 (Brief Comm.)

Heart diseases, drug therapy

- Washout of long-term treatment with flecainide and propafenone in patients with complex ventricular arrhythmias and cardiac disease (Vincenti et al). 1992;12:374-80

Heart enlargement

- Cardiomegaly on chest x-ray: prognostic implications from a ten-year cohort study of elderly subjects: a report from the Bronx Longitudinal Aging Study (Frishman et al). 1992;124:1026-30

Heart failure, congestive

- Assessment of patient outcome with the Minnesota Living with Heart Failure questionnaire: reliability and validity during a randomized, double-blind, placebo-controlled trial of pimobendan (Rector et al). 1992;124:1017-25

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- Atrial natriuretic peptide in severe heart failure: response to controlled changes in atrial pressures during intravenous nitroglycerin therapy (Lewis et al). 1992;124:1009-16
- Contrasting patterns of arterial and venous dilatation after intravenous captopril in patients with chronic cardiac failure and their relationship to plasma angiotensin II concentrations (Flapan et al). 1992;124:1270-6
- Determinants of the renal response to ACE inhibition in patients with congestive heart failure (Gotthlieb et al). 1992;124:131-6
- Estimating severity of chronic heart failure: a clinical challenge for the 1990s (Chakko and Gheorghiade). 1992;124:260-4 (Editorial)
- Reduced pulmonary microvascular permeability in severe chronic left heart failure (Davies et al). 1992;124:137-42
- Regional blood flow in human congestive heart failure (Leier). 1992;124:726-38 (Curriculum cardi.)
- Significance of aborted cardiac arrest and sustained ventricular tachycardia in patients referred for treatment therapy of advanced heart failure (Stevenson et al). 1992;124:123-30
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Heart injuries

- Fatal posttraumatic cardiac causalgia (Boruchow and Hutchins). 1992;124:1633-5 (Brief comm.)

Heart murmurs

- Diastolic murmur audible without a stethoscope and associated with aortic dissection in Marfan's syndrome (Grant and Bray). 1992;124:1386-8 (Brief comm.)

Heart neoplasms

- Dissecting intramycardial hematoma presenting as a massive pseudotumor of the right ventricle (Mohan et al). 1992;124:1641-2 (Brief comm.)
- Myocardial entrapment by lymphoma: a cause of reversible segmental left ventricular dysfunction (Roistacher et al). 1992;124:516-21 (Brief comm.)
- Primary lymphoma of the right atrium with fatal neoplastic pulmonary embolism (Bestetti et al). 1992;124:1088-90 (Brief comm.)
- Transesophageal echocardiographic evaluation of intracardiac lymphoma (Moore et al). 1992;124:514-6 (Brief comm.)

Heart rate

- Differential effects of xamoterol and verapamil on ventricular rate regulation in patients with chronic atrial fibrillation (Lundström et al). 1992;124:917-23
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- Normal sinus heart rate: sinus tachycardia and sinus bradycardia redefined (Spodick). 1992;124:1119-21 (Editorial)

Heart rupture

- Biventricular apical rupture and formation of pseudoaneurysm: unique flow patterns by Doppler and color flow imaging (Bansal et al). 1992;124:497-500 (Brief comm.)

Heart septal defects

- Identification of coronary sinus septal defect (unroofed coronary sinus) by color Doppler echocardiography (Chin and Murphy). 1992;124:1655-7 (Brief comm.)

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- Echocardiographic estimation of balloon-stretched diameter of secundum atrial septal defect for transcatheter occlusion (Rao et al). 1992;124:172-5
- Transesophageal echocardiographic diagnosis of coronary sinus type atrial septal defect (Sunaga et al). 1992;124:1657-9 (Brief comm.)
- Transient ischemic attacks after long-term clamshell occluder implantation for closure of atrial septal defect (Prewitt et al). 1992;124:1394-7 (Brief comm.)

Heart septal defects, ventricular

- Noninvasive evaluation of interventricular pressure gradient across ventricular septal defect: a simultaneous study of Doppler echocardiography and cardiac catheterization (Ge et al). 1992;124:176-82

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- Relationship between septal perfusion, viability, and motion before and after coronary artery bypass surgery (Okada et al). 1992;124:1190-5
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Heart transplantation

- Changes in cardiac β_1 - and β_2 -adrenoceptor densities after human cardiac transplantation: relation to transplant coronary vasculopathy and pretransplantation disease (von der Leyen et al). 1992;124:686-93
- The effects of epicardial coronary spasm on intracoronary flow velocity and pressure gradient in a patient after cardiac transplantation (Donohue et al). 1992;124:1645-8 (Brief comm.)
- Heart transplant in Ebstein's anomaly with endocardial fibroelastosis (Cabanero et al). 1992;124:532-4 (Brief comm.)
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Heart valve prosthesis

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- Emergency recognition and treatment of strut fracture and disc embolization in patients with Björk-Shiley valve prosthesis (Chen et al). 1992;124:1648-50 (Brief comm.)
- Long-term fate of isolated congenital absent pulmonary valve (Tanabe et al). 1992;124:526-9 (Brief comm.)
- Mobile strands are frequently attached to the St. Jude Medical mitral valve prosthesis as assessed by two-dimensional transthoracic echocardiography (Stoddard et al). 1992;124:671-4
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- Successful use of low-dose tissue plasminogen activator for treatment of thrombosed prosthetic valve in a 22-month-old child (Koska et al). 1992;124:783-5 (Brief comm.)
- Ten-year experience with mitral valve replacement in the elderly (Nair et al). 1992;124:154-9
- Transthoracic echocardiographic detection of atrial wall aneurysm as a result of abnormal attachment of mitral prosthesis (Garcia-Fernández et al). 1992;124:1650-2 (Brief comm.)
- Transthoracic echocardiography for evaluation of thrombosed mitral valve prosthesis during thrombolytic therapy (Om et al). 1992;124:781-3 (Brief comm.)

Heart ventricle, anatomy

- Changes in left ventricular size, wall thickness, and function in anemic patients treated with recombinant human erythropoietin (Goldberg et al). 1992;124:424-7
- Effects of amlodipine on myocardial infarction, infarct expansion, and ventricular geometry in the rat (Hagar et al). 1992;124:571-80
- Progressive changes in ventricular structure and function during the year after acute myocardial infarction (Picard et al). 1992;124:24-31
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- Asymptomatic pseudoaneurysm of the left ventricle and coronary artery fistula after closed-chest ablation of an accessory pathway (Mabo et al). 1992;124:1637-9 (Brief comm.)
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- Dissecting intramyocardial hematoma presenting as a massive pseudotumor of the right ventricle (Mohan et al). 1992;124:1641-2 (Brief comm.)

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- Hemodynamic diagnosis of mitral valve obstruction by left atrial myxoma with transthoracic continuous wave Doppler (Gorcsan et al). 1992;124:1109-12 (Brief comm.)
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- Heparin for left ventricular thrombus (Peteiro and Gomez). 1992;124:1668-9 (Letter)

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- Myocardial hibernation identified by hyperbaric oxygen treatment and echocardiography in postinfarction patients: comparison with exercise thallium scintigraphy (Swift et al). 1992;124:1151-8
- Sinus node hibernation resolved by PTCA (Molajo) (Letter); (Bashour) (Reply). 1992;124:1662

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- Myocardial hibernation identified by hyperbaric oxygen treatment and echocardiography in postinfarction patients: comparison with exercise thallium scintigraphy (Swift et al). 1992;124:1151-8

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- Efficacy of lipid profiles in prediction of coronary disease (Kannel and Wilson). 1992;124:768-74 (Prog. cardi.)

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- Analysis of pulmonary venous flow velocity patterns in hypertensive hearts: its complementary value in the interpretation of mitral flow velocity patterns (Masuyama et al). 1992;124:983-94
- A comparison of the acute hypotensive effects of two different doses of nifedipine (Maharaj and van der Byl). 1992;124:720-5
- Comparison of withdrawing antihypertensive therapy between diuretics and angiotensin converting enzyme inhibitors in essential hypertensives (Takata et al). 1992;124:1574-80
- Doppler assessment of right ventricular filling dynamics in systemic hypertension: comparison with left ventricular filling (Habib and Zoghbi). 1992;124:1313-20
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Myocardial hibernation identified by hyperbaric oxygen treatment and echocardiography in postinfarction patients: comparison with exercise thallium scintigraphy (Swift et al). 1992;124:1151-8

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Selective dopamine-1 receptor agonist augments regional myocardial blood flow: comparison of fenoldopam and dopamine (Shi et al). 1992;124:418-23

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- Origin of the left main coronary artery from the right aortic sinus with retroaortic course of the anomalously arising artery (Shirani and Roberts). 1992;124:1077-8 (Brief comm.)

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- Cocaine-induced bradyarrhythmias (Om et al). 1992;124:232-4 (Brief comm.)

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Noninvasive assessment of systolic and diastolic left ventricular function in patients with chronic severe anemia: a combined M-mode, two-dimensional, and Doppler echocardiographic study (Bahl et al). 1992;124:1516-23

Systolic anterior motion of the chordal apparatus after mitral ring insertion (Cohen et al). 1992;124:666-70

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Flecainide acetate for treatment of tachyarrhythmias in children: review of world literature on efficacy, safety, and dosing (Perry and Garson). 1992;124:1614-21 (Prog. cardiol.)

Influence of lidocaine on human muscle sympathetic nerve activity during programmed electrical stimulation and ventricular tachycardia (Ellenbogen et al). 1992;124:891-7

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Outcome of endocardial resection in 33 patients with coronary artery disease: correlation with ventricular tachycardia morphology (Niebauer et al). 1992;124:1500-6

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Flecainide single oral dose for management of paroxysmal supraventricular tachycardia in children and young adults (Musto et al). 1992;124:110-5

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The clinical relevance of myocardial viability in patient management (Lemle et al). 1992;124:1327-31 (Curriculum cardiol.)

Determination of perioperative cardiac risk by adenosine thallium-201 myocardial imaging (Shaw et al). 1992;124:861-9

Effects of intracoronary dipyridamole infusion on regional myocardial blood flow and intrinsic thallium-201 washout in dogs with a critical coronary stenosis (Beller et al). 1992;124:56-64

Myocardial hibernation identified by hyperbaric oxygen treatment and echocardiography in postinfarction patients: comparison with exercise thallium scintigraphy (Swift et al). 1992;124:1151-8

Thallium—Cont'd

- Quantitative planar imaging of glucose metabolic activity in myocardial segments with exercise thallium-201 perfusion defects in patients with myocardial infarction: comparison with late (24-hour) redistribution thallium imaging for detection of reversible ischemia (Williams et al). 1992;124:294-304
- Safety and diagnostic accuracy of adenosine thallium-201 scintigraphy in patients unable to exercise and those with left bundle branch block (O'Keefe et al). 1992;124:614-21
- Side effects during adenosine thallium imaging with single-port or double-port infusion protocols (Cave et al). 1992;124:610-3
- Thallium-201 and gallium 67 single photon emission computed tomographic imaging in cardiac sarcoidosis (Tawarahara et al). 1992;124:1383-4 (Brief comm.)
- Thallium-201 tomography in the management of exercise-induced coronary spasm (Gallik et al). 1992;124:1078-81 (Brief comm.)
- The treadmill exercise score revisited: coronary arteriographic and thallium perfusion correlates (Iskandrian et al). 1992;124:1581-6 (Curriculum cardiol.)

Thoracic injuries

- Acute tricuspid papillary muscle rupture following blunt chest trauma (Linka et al). 1992;124:799-802 (Brief comm.)
- Delayed and spontaneous coronary artery rupture following nonpenetrating chest trauma (Rubin and Denys). 1992;124:1635-7 (Brief comm.)

Thrombocytopenia, hemorrhagic

- Coronary heart disease in young age associated with essential thrombocytopenia (Høst and Saunamäki). 1992;124:219-21 (Brief comm.)

Thromboembolism

- Right-heart pulmonary emboli-in-transit (Shechter) (Letter); (Redberg) (Reply). 1992;124:1663-4

Thrombolytic therapy

- Assessment of reperfusion after thrombolytic therapy for myocardial infarction (Arnold and Topol). 1992;124:441-7 (Curriculum cardiol.)
- The conservative coronary angioplasty strategy after thrombolysis for acute myocardial infarction: immediate and short-term results (Stammen et al). 1992;124:1127-32
- Direct angioplasty versus initial thrombolytic therapy for acute myocardial infarction: long-term follow-up and changes in practice pattern (Vacek et al). 1992;124:1411-8
- The effect of late patency of the infarct-related coronary artery on left ventricular morphology and regional function after thrombolysis (Siu et al). 1992;124:265-72
- Exercise testing for stratifying cardiac risk following thrombolytic therapy for acute myocardial infarction (Sacknoff and Coplan). 1992;124:1400-3 (Editorial)
- Fibrinolytic therapy for superior vena cava and right atrial thrombosis: diagnosis and follow-up with biplane transesophageal echocardiography (Guindo et al). 1992;124:510-3 (Brief comm.)
- Recurrent myocardial ischemia following thrombolytic therapy: guidelines for practicing clinicians (Becker). 1992;124:183-93 (Curriculum cardiol.)
- Thrombolysis-related early patency reduces ECG late potentials after acute myocardial infarction (Moreno et al). 1992;124:557-64
- Thrombolysis with recombinant human tissue-type plasminogen activator during instability in coronary artery disease: effect on myocardial ischemia and need for coronary revascularization (Karlsson et al). 1992;124:1419-26
- Transesophageal echocardiography for evaluation of thrombosed mitral valve prosthesis during thrombolytic therapy (Om et al). 1992;124:781-3 (Brief comm.)

Thrombosis

- Fibrinolytic therapy for superior vena cava and right atrial thrombosis: diagnosis and follow-up with biplane transesophageal echocardiography (Guindo et al). 1992;124:510-3 (Brief comm.)
- Heparin for left ventricular thrombus (Peteiro and Gomez). 1992;124:1668-9 (Letter)
- Left atrial appendage Doppler flow patterns: implications on thrombus formation (García-Fernández et al). 1992;124:955-61
- Left atrial free-floating thrombus with multiple systemic emboli in orthotopic heart transplantation (de Soria et al). 1992;124:1090-3 (Brief comm.)

Thrombosis—Cont'd

- Management and immediate outcome of patients with intracoronary thrombus during percutaneous transluminal coronary angioplasty (Vaitkus et al). 1992;124:1-8
- Multiple emboli from a large aortic arch thrombus in a patient with thrombotic diathesis (Tunick et al). 1992;124:239-41 (Brief comm.)
- Successful use of low-dose tissue plasminogen activator for treatment of thrombosed prosthetic valve in a 22-month-old child (Koska et al). 1992;124:783-5 (Brief comm.)
- Transesophageal echocardiography for evaluation of thrombosed mitral valve prosthesis during thrombolytic therapy (Om et al). 1992;124:781-3 (Brief comm.)

Tissue-type plasminogen activator; see Alteplase**Tomography**

- Thallium-201 tomography in the management of exercise-induced coronary spasm (Gallik et al). 1992;124:1078-81 (Brief comm.)

Tomography, emission-computed, single-photon

- Analysis of thallium-201 single-photon emission computed tomography after intravenous dipyridamole using different quantitative measures of coronary stenosis severity and receiver operator characteristic curves (Popma et al). 1992;124:65-74
- Myocardial imaging with technetium 99m sestamibi after exercise-induced ventricular tachycardia (Stratmann et al). 1992;124:1374-7 (Brief comm.)
- Relationship between exercise echocardiography and perfusion single-photon emission computed tomography in patients with single-vessel coronary artery disease (Salustri et al). 1992;124:75-83
- Single-photon emission computed tomographic technetium imaging with a preprocessing masking technique (Heo et al). 1992;124:1603-8 (Prog. cardiol.)
- Thallium-201 and gallium 67 single photon emission computed tomographic imaging in cardiac sarcoidosis (Tawarahara et al). 1992;124:1383-4 (Brief comm.)

Tomography, x-ray computed

- The diagnostic value of imaging techniques for aortic dissection (Barbant et al). 1992;124:541-3 (Editorial)
- Semiquantitation of aortic regurgitation by different Doppler echocardiographic techniques and comparison with ultrafast computed tomography (Nishimura et al). 1992;124:995-1001

Torsades de pointes

- QT prolongation with torsade de pointes in pheochromocytoma (Shimizu et al). 1992;124:235-9 (Brief comm.)

Transcatheter coil embolization; see Embolization, therapeutic**Transesophageal echocardiography; see Echocardiography, transesophageal****Transient ischemia; see Cerebral ischemia, transient****Transposition of great vessels**

- Late death after arterial switch operation for transposition of the great arteries (Tsuda et al). 1992;124:1551-7

Transtelephonic monitoring

- Correlation of symptoms with occurrence of paroxysmal supraventricular tachycardia or atrial fibrillation: a transtelephonic monitoring study (Bhandari et al). 1992;124:381-6

Transthoracic echocardiography; see Echocardiography**Treadmill exercise test; see Exercise test****Trial design; see Research design****Tricuspid valve insufficiency**

- Acute tricuspid papillary muscle rupture following blunt chest trauma (Linka et al). 1992;124:799-802 (Brief comm.)

Tumor-like structures; see Neoplasms**Two-dimensional echocardiography; see Echocardiography****U****Ultrasonography**

- Atherosclerotic saphenous vein grafts treated with different interventional procedures assessed by intravascular ultrasound (Keren et al). 1992;124:198-206 (Prog. cardiol.)
- Combined rotational and directional atherectomy guided by intravascular ultrasound in an occluded vein graft (Jackman et al). 1992;124:214-6 (Brief comm.)
- Guidance of directed coronary atherectomy by intracoronary ultrasound imaging (Kimura et al). 1992;124:1365-9 (Brief comm.)

Ultrasonography—Cont'd

Visualization of myocardial cellular architecture using acoustic microscopy (Chandraratna et al). 1992;124:1358-64 (Prog. cardiol.)

Umbilical arteries

Transumbilical balloon coarctation angioplasty in neonates with critical aortic coarctation (Rao et al). 1992;124:1622-4 (Brief comm.)

Umbilical veins

Venous sheath to facilitate cardiac catheterization via the umbilical vein (Appleton et al). 1992;124:1392-3 (Brief comm.)

Unstable angina; see Angina, unstable

V

Valvotomy, balloon; see Balloon dilatation

Valvuloplasty, balloon; see Balloon dilatation

Vascular diseases

Changes in cardiac β_1 - and β_2 -adrenoceptor densities after human cardiac transplantation: relation to transplant coronary vasculopathy and pretransplantation disease (von der Leyen et al). 1992;124:686-93

Vascular patency

The effect of late patency of the infarct-related coronary artery on left ventricular morphology and regional function after thrombolysis (Siu et al). 1992;124:265-72

Thrombolysis-related early patency reduces ECG late potentials after acute myocardial infarction (Moreno et al). 1992;124:557-64

Vasculopathy; see Vascular diseases

Vasoconstriction

Arterial blood nicotine concentration and coronary vasoconstrictive effect of low-nicotine cigarette smoking (Moreyra et al). 1992;124:392-7

Vasospastic angina; see Angina pectoris, variant

Vegetation; see Endocarditis, bacterial

Vena cava, inferior

Nonoperative treatment of membranous obstruction of the inferior vena cava by percutaneous balloon transluminal angioplasty (Yang et al). 1992;124:405-12

Vena cava, superior

Fibrinolytic therapy for superior vena cava and right atrial thrombosis: diagnosis and follow-up with biplane transesophageal echocardiography (Guindo et al). 1992;124:510-3 (Brief comm.)

Venous dilatation; see Dilatation

Venous pressure

Reduced pulmonary microvascular permeability in severe chronic left heart failure (Davies et al). 1992;124:137-42

Ventilation

Ventilatory mechanisms of exercise intolerance in chronic heart failure (Myers et al). 1992;124:710-9

Ventricular aneurysm; see Aneurysm

Ventricular arrhythmia; see Arrhythmia

Ventricular assist devices; see Heart-assist devices

Ventricular fibrillation

Anomalous origin of the left coronary artery from the pulmonary artery: report of an adult with ventricular fibrillation as the presenting symptom (Viskin et al). 1992;124:221-2 (Brief comm.)

Lidocaine to prevent ventricular fibrillation in the prehospital phase of suspected acute myocardial infarction: the North-Norwegian Lidocaine Intervention Trial (Berntsen and Rasmussen). 1992;124:1478-83

The prevalence of proarrhythmic events during moricizine therapy and their relationship to ventricular function (Tschaidse et al). 1992;124:912-6

Risk assessment in nonischemic ventricular arrhythmia by left and right ventriculography (Peters et al). 1992;124:116-22

Ventricular function

Adenosine is an endogenous protectant against stunning during repetitive ischemic episodes in the heart (Bunch et al). 1992;124:1440-6

The prevalence of proarrhythmic events during moricizine therapy and their relationship to ventricular function (Tschaidse et al). 1992;124:912-6

Transient left ventricular dyskinesia as a consequence of myocardial stunning (Annane et al). 1992;124:1377-80 (Brief comm.)

Ventricular function, left

Abnormal intraventricular flow patterns in left ventricular dysfunction determined by color Doppler study (Pennestri et al). 1992;124:966-74

Abnormalities of diastolic filling of the left ventricle associated with aging are less pronounced in exercise-trained individuals (Takemoto et al). 1992;124:143-8

Changes in left ventricular size, wall thickness, and function in anemic patients treated with recombinant human erythropoietin (Goldberg et al). 1992;124:424-7

Doppler assessment of right ventricular filling dynamics in systemic hypertension: comparison with left ventricular filling (Habib and Zoghbi). 1992;124:1313-20

Dynamic left ventricular outflow obstruction caused by cardiac echinococcosis (Lanzoni et al). 1992;124:1083-5 (Brief comm.)

Echocardiographic findings and clinical features of left ventricular pseudoaneurysm after mitral valve replacement (Sakai et al). 1992;124:975-82

Effect of gallopamil on electrophysiologic abnormalities and ventricular arrhythmias associated with left ventricular hypertrophy in the feline heart (Kowey et al). 1992;124:898-905

The effect of late patency of the infarct-related coronary artery on left ventricular morphology and regional function after thrombolysis (Siu et al). 1992;124:265-72

Effects of sublingually administered nifedipine on left ventricular isovolumic relaxation, diastolic filling, and distensibility in patients with chronic coronary artery disease (Yamakado et al). 1992;124:595-602

The influence of obesity on left ventricular filling and systolic function (Stoddard et al). 1992;124:694-9

Isovolumic relaxation time varies predictably with its time constant and aortic and left atrial pressures: implications for the noninvasive evaluation of ventricular relaxation (Thomas et al). 1992;124:1305-13

Left ventricular function under stress before and after myocardial revascularization (Harpole and Jones). 1992;124:273-9

Myocardial entrapment by lymphoma: a cause of reversible segmental left ventricular dysfunction (Roistacher et al). 1992;124:516-21 (Brief comm.)

Noninvasive assessment of systolic and diastolic left ventricular function in patients with chronic severe anemia: a combined M-mode, two-dimensional, and Doppler echocardiographic study (Bahl et al). 1992;124:1516-23

Prognostic significance of Doppler-derived left ventricular diastolic filling variables in dilated cardiomyopathy (Shen et al). 1992;124:1524-33

Progressive changes in ventricular structure and function during the year after acute myocardial infarction (Picard et al). 1992;124:24-31

A prospective study of the efficacy and safety of adjuvant metoprolol and xamoterol in combination with amiodarone for resistant ventricular tachycardia associated with impaired left ventricular function (Bashir et al). 1992;124:1233-40

Reversibility of left ventricular dysfunction after successful catheter ablation of supraventricular reentrant tachycardia (Chen et al). 1992;124:1512-6

Significance of preinfarction angina for preservation of left ventricular function in acute myocardial infarction (Hirai et al). 1992;124:19-24

Survival of implantable cardioverter-defibrillator recipients: role of left ventricular function and its relationship to device use (Mehta et al). 1992;124:1608-14 (Prog. cardiol.)

Transient left ventricular dyskinesia as a consequence of myocardial stunning (Annane et al). 1992;124:1377-80 (Brief comm.)

Transient left ventricular dyskinesia as a consequence of myocardial stunning (Annane et al). 1992;124:1377-80 (Brief comm.)

Ventricular function, right

Doppler assessment of right ventricular filling dynamics in systemic hypertension: comparison with left ventricular filling (Habib and Zoghbi). 1992;124:1313-20

The incidence of atrial arrhythmias during inferior wall myocardial infarction with and without right ventricular involvement (Rechavia et al). 1992;124:387-91

Ventricular mass; see Heart ventricle, anatomy

Ventricular outflow obstruction

Balloon dilatation of primary infundibular stenosis of the right ventricular outflow tract (Chandrasekhar and Anand). 1992;124:1385-6 (Brief comm.)

Dynamic left ventricular outflow obstruction caused by cardiac echinococcosis (Lanzoni et al). 1992;124:1083-5 (Brief comm.)

Ventricular outflow obstruction—Cont'd

Dynamic left ventricular outflow tract obstruction 4 years after aortic valve replacement (Sata et al). 1992;124:1085-8 (Brief comm.)

Ventricular septal defects; see Heart septal defects, ventricular**Ventricular stimulation; see Electric stimulation****Ventricular structure; see Heart ventricle, anatomy****Ventricular tachycardia; see Tachycardia****Ventricular thrombus; see Thrombosis****Ventriculography**

Risk assessment in nonischemic ventricular arrhythmia by left and right ventriculography (Peters et al). 1992;124:116-22

Verapamil

Differential effects of xamoterol and verapamil on ventricular rate regulation in patients with chronic atrial fibrillation (Lundström et al). 1992;124:917-23

Low-dose calcium pretreatment to prevent verapamil-induced hypotension (Kuhn and Schrager). 1992;124:231-2 (Brief comm.)

Verapamil-induced gingival hyperplasia in children (Mehta et al). 1992;124:535-6 (Brief comm.)

Viral myocarditis; see Myocarditis**W****Wallstent stent; see Stents****Warfarin**

The effect of aspirin on the risk of stroke in patients with non-rheumatic atrial fibrillation: the BAATAF study (Singer et al). 1992;124:1567-73

Water

Magnesium deficiency and sudden death (Eisenberg). 1992;124:544-9 (Editorial)

Weight lifting

Myocardial infarction associated with anabolic steroid use in a previously healthy 37-year-old weight lifter (Ferenchick and Adelman). 1992;124:507-8 (Brief Comm.)

White blood cell count; see Blood cell count**Wolff-Parkinson-White syndrome**

Asymptomatic pseudoaneurysm of the left ventricle and coronary artery fistula after closed-chest ablation of an accessory pathway (Mabo et al). 1992;124:1637-9 (Brief comm.)

Catheter ablation of accessory atrioventricular pathways in 114 symptomatic patients with Wolff-Parkinson-White syndrome—a comparative study of direct-current and radiofrequency ablation (Chen et al). 1992;124:356-65

Wounds, nonpenetrating

Acute tricuspid papillary muscle rupture following blunt chest trauma (Linka et al). 1992;124:799-802 (Brief comm.)

Delayed and spontaneous coronary artery rupture following nonpenetrating chest trauma (Rubin and Denys). 1992;124:1635-7 (Brief comm.)

X**X-rays; see Radiography****Xamoterol**

Differential effects of xamoterol and verapamil on ventricular rate regulation in patients with chronic atrial fibrillation (Lundström et al). 1992;124:917-23

A prospective study of the efficacy and safety of adjuvant metoprolol and xamoterol in combination with amiodarone for resistant ventricular tachycardia associated with impaired left ventricular function (Bashir et al). 1992;124:1233-40

